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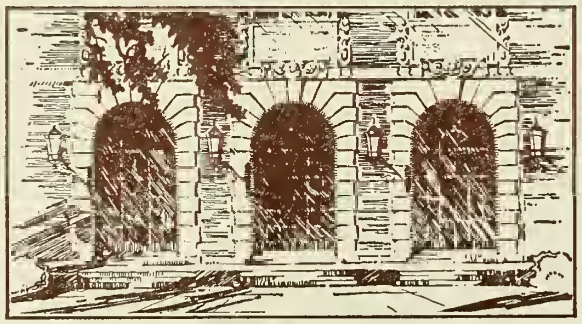

# CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF COMMERCE
ALEXANDER B. TROWBRIDGE, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
JANUARY 1968
Volume 73 No. 1

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | Total | Departure From Normal | Greatest Day | Date | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| | | | | | | | | | | 90° or Above | 32° or Below | 32° or Below | 0° or Below | | | | | | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 30.7 | 11.7 | 21.2 | - 8.7 | 46 | 21 | - 9 | 12 | 1350 | 0 | 18 | 28 | 7 | 1.81 | - 1.82 | 1.10 | 15 | 5.7 | 9 | 14+ | 3 | 1 | 1 |
| BOONTON 1 SE | 31.6 | 13.1 | 22.4 | - 6.5 | 48 | 28+ | - 9 | 12 | 1316 | 0 | 17 | 30 | 7 | 2.02 | - 1.22 | 1.01 | 15 | 7.5 | 4 | 1 | 6 | 1 | 1 |
| CANOE BROOK | 32.2 | 10.5 | 21.4 | - 7.6 | 49 | 22 | -12 | 12 | 1345 | 0 | 15 | 30 | 9 | 2.69 | - .97 | 1.35 | 15 | 8.6 | 6 | 7+ | 6 | 1 | 1 |
| CHARLOTTEBURG | 30.3 | 11.7 | 21.0 | - 7.6 | 48 | 21 | - 6 | 12+ | 1355 | 0 | 18 | 30 | 8 | 2.94 | - .73 | 1.47 | 15 | 9.2 | 7 | 11+ | 8 | 1 | 1 |
| ELIZABETH | 35.5 | 19.2 | 27.4 | - 5.4 | 52 | 21 | - 1 | 9 | 1161 | 0 | 11 | 28 | 1 | 2.04 | - 1.93 | .73 | 14 | 5.5 | 7 | 7 | 4 | 2 | 0 |
| ESSEX FELLS SERV BLDG | 31.1 | 13.3 | 22.2 | | 57 | 28 | - 6 | 9 | 1321 | 0 | 18 | 29 | 6 | 2.17 | | 1.26 | 15 | 9.0 | 7 | 12+ | 4 | 1 | 1 |
| FLEMINGTON 1 NE | 32.3 | 11.9 | 22.1 | - 9.4 | 48 | 20 | - 9 | 3+ | 1323 | 0 | 17 | 29 | 10 | 3.86 | .54 | 1.66 | 15 | 12.0 | 9 | 13+ | 8 | 2 | 1 |
| HIGH POINT PARK | 26.1 | 5.7 | 15.9 | | 56 | 28 | -13 | 9 | 1513 | 0 | 21 | 31 | 12 | D 1.70 | | .50 | 14 | | 10 | 2+ | 6 | 1 | 0 |
| JERSEY CITY | 33.4 | 20.4 | 26.9 | - 5.6 | 51 | 21 | 0 | 9 | 1173 | 0 | 14 | 23 | 1 | 1.95 | - 1.42 | 1.29 | 14 | | | | 6 | 1 | 1 |
| LAMBERTVILLE | | | | | | | | | | | | | | | | | | | | | | | |
| LAYTON 2 | 30.2 | 6.1 | 18.2 | | 49 | 21+ | -18 | 12+ | 1446 | 0 | 17 | 31 | 10 | 2.28 | | .84 | 15 | 7.1 | 7 | 7+ | 7 | 1 | 0 |
| LITTLE FALLS | 33.5 | 16.4 | 25.0 | - 6.1 | 51 | 22+ | - 2 | 12+ | 1234 | 0 | 14 | 28 | 5 | 2.20 | - 1.45 | 1.10 | 15 | 8.3 | 6 | 1 | 5 | 1 | 1 |
| LONG VALLEY | 31.1 | 12.5 | 21.8 | | 48 | 22+ | - 3 | 13+ | 1334 | 0 | 16 | 29 | 8 | 2.05 | - 1.49 | .82 | 15 | 12.0 | | | 6 | 1 | 0 |
| MORRIS PLAINS 1 W | 30.9 | 12.8 | 21.9 | | 46 | 28+ | - 6 | 2 | 1330 | 0 | 17 | 29 | 8 | 2.43 | | 1.22 | 15 | 10.3 | 9 | 12+ | 6 | 1 | 1 |
| NEWARK WB AIRPORT R | 35.1 | 20.4 | 27.8 | - 4.5 | 51 | 21 | 1 | 9 | 1148 | 0 | 12 | 25 | 0 | 1.71 | - 1.62 | .95 | 14 | 4.6 | 4 | 11+ | 3 | 1 | 0 |
| NEWTON | 28.3 | 7.7 | 18.0 | - 9.5 | 46 | 22+ | -23 | 12 | 1455 | 0 | 18 | 30 | 9 | 2.14 | - .90 | .85 | 15 | 8.1 | 9 | 16+ | 6 | 1 | 0 |
| PATERSON | 33.5 | 17.5 | 25.5 | - 6.1 | 51 | 22 | - 1 | 11+ | 1217 | 0 | 16 | 27 | 4 | 2.04 | - 1.56 | 1.10 | 15 | 9.2 | - | | 4 | 1 | 1 |
| PHILLIPSBURG | 35.6 | 15.9 | 25.8 | - 4.7 | 50 | 28+ | - 3 | 12+ | 1212 | 0 | 12 | 28 | 5 | 2.22 | - 1.46 | .45 | 14+ | 6.0 | 4 | 3+ | 8 | 0 | 0 |
| PLAINFIELD | 33.8 | 18.0 | 25.9 | - 6.0 | 49 | 21 | - 2 | 12+ | 1206 | 0 | 14 | 28 | 2 | 2.62 | - .99 | 1.13 | 14 | 6.7 | 6 | 8+ | 7 | 1 | 1 |
| SOMERVILLE | 34.9 | 17.2 | 26.1 | - 5.2 | 50 | 21 | - 3 | 2 | 1202 | 0 | 13 | 28 | 5 | 2.38 | - .89 | 1.02 | 14 | 5.1 | 5 | 13+ | 7 | 1 | 1 |
| SUSSEX 1 SE | 27.7M | 4.5M | 16.1M | -11.6 | 47 | 21 | -22 | 13+ | 1509 | 0 | 18 | 31 | 10 | 2.37 | - 1.00 | .99 | 15 | 8.4 | 10 | 10+ | 6 | 1 | 0 |
| DIVISION | | | 22.6 | - 7.6 | | | | | | | | | | 2.28 | - 1.19 | | | 8.0 | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 34.6 | 17.6 | 26.1 | - 8.7 | 60 | 30 | 0 | 12+ | 1195 | 0 | 15 | 28 | 2 | 2.77 | - .79 | 2.17 | 14 | .8 | 1 | 3+ | 5 | 1 | 1 |
| AUDUBON | 37.8 | 20.6 | 29.2 | | 53 | 21 | 5 | 9 | 1104 | 0 | 10 | 27 | 0 | 3.22 | | 2.48 | 14 | 2.5 | 5 | 6 | 3 | 1 | 1 |
| BELLEPLAIN ST FOREST | 40.1 | 19.9 | 30.0 | | 60 | 31+ | 0 | 12+ | 1076 | 0 | 9 | 27 | 3 | 2.81 | - .66 | 1.76 | 14 | 3.5 | 2 | 2+ | 6 | 1 | 1 |
| BURLINGTON | 37.8M | 19.0M | 28.4M | - 5.8 | 51 | 21+ | 2 | 10 | 1126 | 0 | 8 | 25 | 0 | 3.02 | - .25 | 2.00 | 14 | | 3 | 4+ | 7 | 1 | 1 |
| CHATSWORTH | 38.9 | 18.4 | 28.7 | | 58 | 30 | - 6 | 12 | 1120 | 0 | 8 | 29 | 1 | 3.45 | | 2.00 | 14 | | | | 6 | 1 | 1 |
| FREEHOLD | 34.1 | 17.0 | 25.6 | - 7.1 | 51 | 22 | - 2 | 2 | 1214 | 0 | 14 | 28 | 3 | 3.01 | - .57 | 1.85 | 15 | 6.0 | | | 4 | 1 | 1 |
| GLASSBORO | 36.4 | 20.2 | 28.3 | | 55 | 31 | 5 | 2 | 1132 | 0 | 12 | 28 | 0 | 2.91 | | 1.13 | 14 | 3.1 | T | 24+ | 4 | 2 | 2 |
| HAMMONTON 2 NNE | 37.6 | 18.5 | 28.1 | - 6.1 | 59 | 31 | 2 | 12 | 1136 | 0 | 10 | 28 | 0 | .69 | - 2.88 | .34 | 1 | | | | 3 | 0 | 0 |
| HIGHTSTOWN 1 N | 35.1 | 18.7 | 26.9 | - 5.5 | 49 | 21+ | - 3 | 12 | 1176 | 0 | 11 | 28 | 2 | 2.35 | - .87 | 1.07 | 14 | 5.3 | 5 | 13+ | 5 | 1 | 1 |
| INDIAN MILLS 2 W | 37.8 | 17.5 | 27.7 | - 5.6 | 55 | 30 | - 4 | 12+ | 1153 | 0 | 9 | 27 | 2 | 3.15 | - .47 | 2.41 | 14 | 1.6 | 2 | 12+ | 4 | 1 | 1 |
| MILLVILLE | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | 37.3 | 19.4 | 28.4 | | 59 | 30 | - 3 | 2 | 1131 | 0 | 10 | 27 | 1 | 2.61 | | 1.98 | 14 | .1 | 3 | 1 | 4 | 1 | 1 |
| MOORESTOWN | 35.3 | 16.8M | 26.1M | - 6.9 | 52 | 21+ | - 2 | 12 | 1205 | 0 | 15 | | | 3.86 | .74 | | | 4.4 | 4 | 3 | | | |
| NEW BRUNSWICK EXP STA | 35.6 | 19.5 | 27.6 | - 4.7 | 50 | 27+ | - 1 | 12+ | 1156 | 0 | 10 | 28 | 2 | 3.78 | .44 | 1.89 | 31 | 4.0 | 6 | 11+ | 6 | 2 | 1 |
| NEW MONMOUTH | 35.8 | 20.5 | 28.2 | | 51 | 19 | 0 | 9 | 1135 | 0 | 10 | 27 | 1 | 2.74 | | 1.18 | 14 | 6.6 | 3 | 7 | 6 | 1 | 1 |
| PEMBERTON 3 E | 37.8 | 18.4 | 28.1 | - 5.8 | 54 | 30 | - 8 | 12 | 1135 | 0 | 11 | 28 | 3 | 2.66 | - .64 | 1.69 | 14 | 3.0 | 3 | 2+ | 5 | 1 | 1 |
| SEABROOK FARMS | 35.8 | 19.2 | 27.5 | | 55 | 31 | - 8 | 2 | 1157 | 0 | 13 | 28 | 1 | 3.16 | | 2.17 | 15 | | | | 5 | 1 | 1 |
| SHILOH | 38.1 | 21.2 | 29.7 | - 4.6 | 57 | 30 | - 1 | 2 | 1085 | 0 | 9 | 27 | 1 | 2.17 | - 1.31 | 1.58 | 14 | | | | 5 | 1 | 1 |
| TOMS RIVER | 35.9 | 18.3 | 27.1 | | 57 | 31 | - 6 | 12 | 1169 | 0 | 12 | 28 | 1 | 2.24 | | 1.07 | 15 | 4.2 | | | 5 | 1 | 1 |
| TRENTON WB CITY R | 34.8 | 21.7 | 28.3 | - 4.8 | 49 | 21+ | 4 | 9 | 1130 | 0 | 13 | 24 | 0 | 2.29 | - .81 | 1.74 | 14 | 1.9 | 4 | 3+ | 3 | 1 | 1 |
| TUCKERTON | 39.1 | 19.9 | 29.5 | | 55 | 19 | - 2 | 12 | 1092 | 0 | 7 | 27 | 1 | 2.47 | | 1.56 | 14 | 1.2 | 3 | 1 | 5 | 1 | 1 |
| WOODSTOWN | 38.0 | 20.1 | 29.1 | | 53 | 30+ | - 2 | 2 | 1106 | 0 | 9 | 28 | 1 | 0 2.53 | | 1.66 | 14 | 2.0 | 2 | 13+ | 5 | 1 | 1 |
| DIVISION | | | 28.0 | - 5.4 | | | | | | | | | | 2.76 | - .69 | | | 3.1 | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 38.6 | 25.3 | 32.0 | - 4.0 | 56 | 21 | 9 | 12+ | 1016 | 0 | 8 | 21 | 0 | 2.09 | - 1.66 | 1.50 | 14 | | | | 4 | 1 | 1 |
| CAPE MAY 3 W | 39.4M | 25.4M | 32.4M | | 55 | 30 | 8 | 12 | 1004 | 0 | | | 0 | 2.82 | | 1.90 | 14 | 1.0 | 1 | 25+ | 3 | 1 | 1 |
| LONG BRANCH 2 N | 35.5 | 21.8 | 28.7 | - 4.3 | 49 | 21+ | 1 | 9 | 1119 | 0 | 12 | 25 | 0 | 2.27 | - 1.51 | 1.25 | 14 | 5.5 | 4 | 7 | 4 | 1 | 1 |
| DIVISION | | | 31.0 | - 3.5 | | | | | | | | | | 2.39 | - 1.13 | | | 3.3 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>2 STATIONS | 60 | DATE | 31+ |
| LOWEST TEMPERATURE<br>NEWTON | - 23 | DATE | 12 |
| GREATEST TOTAL PRECIPITATION<br>PHILLIPSBURG BRIDGE | 4.35 | | |
| LEAST TOTAL PRECIPITATION<br>HAMMONTON 2 NNE | .69 | | |
| GREATEST 1 DAY PRECIPITATION<br>PHILLIPSBURG BRIDGE | 2.75 | DATE | 14 |
| GREATEST TOTAL SNOWFALL<br>2 STATIONS | 12.0 | | |
| GREATEST DEPTH OF SNOW<br>OAK RIDGE RESERVOIR | 12 | DATE | 17+ |

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See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 2

# DAILY PRECIPITATION

NEW JERSEY
JANUARY 1968

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 1.81 | .04 | | .02 | .05 | T | | .11 | | | .02 | | | | T | 1.10 | .02 | | | | | | | | .08 | | | | T | .07 | .09 | .21 | • |
| BERNARDSVILLE 2 E | 1.77 | .48 | | .05 | .01 | T | | .20 | | | T | | | | | .52 | | | | | | | | | .15 | | | | | .03 | .07 | .26 | • |
| BLACKWELLS MILLS | 2.07 | .37 | | .10 | | | | .20 | | | T | | | | | .90 | T | | | | | | | | .18 | | | | | .09 | .05 | .18 | • |
| BOONTON 1 SE | 2.02 | .29 | | .02 | T | T | | .16 | | | .03 | | | | T | 1.01 | .04 | | | | | | | | .12 | | | | T | .07 | .10 | .18 | • |
| BOUND BROOK 2 W | 2.44 | .35 | | .07 | | .01 | | .20 | | | | | | | | 1.40 | | | | | | | | | .18 | | | | | T | .09 | .14 | • |
| BRANCHVILLE | 2.16 | .28 | | T | .04 | .04 | | .07 | | | .08 | | | | | .88 | .05 | | | | | | | T | .09 | | | | T | .13 | .14 | .36 | • |
| CANISTEAR RESERVOIR | 2.92 | .33 | | T | | .03 | | .12 | | | .05 | | | | | 1.48 | .11 | | | | | | | | .11 | | | | T | .12 | .14 | .43 | • |
| CANOE BROOK | 2.69 | .34 | T | .03 | .02 | T | | .25 | | | .04 | | | | T | 1.35 | .03 | | | | | | | | .17 | | | | | .02 | .25 | .19 | • |
| CEDAR GROVE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | • |
| CHARLOTTEBURG | 2.94 | .31 | | T | .04 | .02 | | .15 | | | .05 | | | | | 1.47 | .18 | | | | | | | | .10 | | | | | .10 | .18 | .34 | • |
| CLINTON | 2.28 | .23 | | | .12 | .08 | | .08 | | | | | | | .04 | 1.30 | | | | | | | | .08 | | | | | | .05 | .12 | .18 | • |
| ELIZABETH | 2.04 | .07 | | .04 | .03 | | | .30 | | | T | | | | .73 | .54 | T | | T | T | T | | | .16 | | | | | | .02 | .06 | .09 | • |
| ESSEX FELLS SERV BLDG | 2.17 | .32 | | T | T | | | .26 | | | .06 | | | | | 1.26 | .07 | | | | | | | | | | | | | .17 | | .03 | • |
| FLEMINGTON 1 NE | 3.86 | .47 | | .10 | .04 | .01 | | .25 | | | | | | | T | 1.66 | .75 | | | | | | | | .18 | | | | | .10 | .09 | .21 | • |
| GREENWOOD LAKE | 2.89 | .35 | | | .03 | .05 | | .15 | | | .05 | | | | | 1.38 | .12 | | | | | | | | .12 | | | | | .12 | .12 | .40 | • |
| HIGH POINT PARK | 1.70D | .40 | | | .25 | | | | | | .08 | | | | .50 | | | | | | | | | | .20 | | | | | .10 | .12 | .05 | • |
| JERSEY CITY | 1.95 | | | .10 | T | | T | T | | .10 | T | | | | 1.29 | .03 | | | | | | | | .18 | T | | | | .12 | T | .13 | | • |
| LAMBERTVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | • |
| LAYTON 2 | 2.28 | .23 | | .05 | T | .05 | | .10 | T | | .05 | | | | | .84 | .08 | T | | | | | | | .15 | | | | .01 | .18 | .17 | .37 | • |
| LITTLE FALLS | 2.20 | .33 | | .03 | .02 | .02 | | .19 | | | .03 | | | | .01 | 1.10 | .02 | | | | | | | | .15 | | | | | .06 | .06 | .18 | • |
| LONG VALLEY | 2.05 | .37 | | | .03 | .01 | | .13 | | .02 | | | | | | .82 | .15 | | | | | | | | .11 | | | | | .05 | .08 | .28 | • |
| MAHWAH | 2.50 | .40 | | .02 | .02 | T | | .19 | | | .10 | | | | | 1.08 | .05 | | | | | | | | .15 | | | | | .09 | .11 | .29 | • |
| MANVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | • |
| MIDLAND PARK | 1.70D | .10 | | .02 | .04 | | .14 | .04 | | .09 | .01 | | | | .77 | .07 | | | | | | | | .16 | | | | | .14 | .12 | | | • |
| MILTON | 3.17 | .40 | | .04 | | .03 | | .30 | | | .15 | | | | | 1.25 | .25 | | | | | | | | .12 | | | | | .14 | .16 | .33 | • |
| MORRIS PLAINS 1 W | 2.43 | .33 | | .02 | .02 | .02 | | .17 | | | .06 | | | | T | 1.22 | .07 | | | | | | | | .14 | | | | T | .06 | .10 | .22 | • |
| NEWARK WB AIRPORT R | 1.71 | .02 | | .05 | .02 | | .19 | .08 | | .04 | T | | | | .95 | .02 | | | | | | | | .17 | T | | | | .02 | .06 | .09 | | • |
| NEW MILFORD | 1.93 | .01 | | .02 | .04 | | .10 | .10 | | .10 | | | | | .89 | | | | | | | | | .23 | | | | | .04 | .12 | .28 | | • |
| NEWTON | 2.14 | .30 | | .03 | .01 | .03 | | .09 | | | .06 | | | | | .85 | .10 | | | | | | | | .08 | | | | | .12 | .13 | .34 | • |
| OAK RIDGE RESERVOIR | 2.64 | .33 | | .03 | .04 | .04 | | .14 | | | .07 | | | | .02 | 1.18 | .08 | | | | | | | | .12 | | | | | .11 | .17 | .31 | • |
| OLDWICK | 2.19 | .43 | | .05 | | T | | .15 | | | .05 | | | | .06 | .87 | .08 | | | | | | | | .07 | | | | | .04 | .12 | .27 | • |
| PATERSON | 2.04 | .25 | | .02 | .01 | T | | .21 | | | .06 | | | | .03 | 1.10 | .03 | | | | | | | | .18 | | | | .06 | .09 | T | T | • |
| PHILLIPSBURG | 2.22 | .45 | | .09 | | | | .15 | | | | | | | .45 | .42 | | | | | | | | .19 | T | | | | .08 | .11 | .15 | .13 | • |
| PHILLIPSBURG BRIDGE | 4.35 | | | | | | | | | | | | | | 2.75 | .94 | | | | | | | | | .25 | | | | | .11 | .05 | .25 | • |
| PLAINFIELD | 2.62 | .20 | | .08 | .03 | | T | .24 | | T | .01 | | | | 1.13 | .44 | | T | | | | | | .20 | .03 | | | | T | .02 | .11 | .13 | • |
| RAHWAY | 1.92 | .02 | T | .06 | .04 | | .08 | .08 | | T | T | | | | 1.35 | T | | | | | | | | .14 | .01 | | | | .03 | .10 | .01 | | • |
| RINGWOOD | 2.83 | .33 | T | | .03 | | .15 | | | | .02 | | | | T | 1.63 | | | | | | | | | | | | | T | .06 | .30 | .31 | • |
| SOMERVILLE | 2.38 | .17 | | .04 | .02 | | | .22 | | | T | | | | 1.02 | .41 | | | | | | | | .21 | | | | | T | .06 | .12 | .11 | • |
| SPLIT ROCK POND | 2.39 | .36 | | .05 | | .03 | | .15 | | | .05 | | | | | 1.04 | .08 | | | | | | | | .13 | | | | | .09 | .13 | .28 | • |
| SUSSEX 1 SE | 2.37 | .25 | | .04 | T | .08 | | .13 | | | .07 | | | | | .99 | .06 | | | | | | | | .06 | T | | T | .17 | .13 | | .39 | • |
| WANAQUE RAYMOND DAM | 2.64 | .30 | | .04 | .01 | T | | .20 | | | .05 | | | | T | 1.42 | .07 | | | | | | | | .09 | | | | | .06 | .12 | .28 | • |
| WERTSVILLE | 2.69 | .40 | | .12 | .01 | .05 | | .14 | | | T | | | | .07 | 1.51 | .01 | | | | | | | | .16 | | | | | .04 | .03 | .15 | • |
| WEST WHARTON | 2.78 | .37 | | .07 | .08 | T | | .17 | | | .06 | | | | T | 1.35 | .08 | | | | | | | | .11 | | | | T | .09 | .14 | .26 | • |
| WOODCLIFF LAKE | 1.62 | .06 | | .05 | .05 | | .10 | .08 | | .02 | | | | | .65 | .05 | | | | | | | | .20 | | | | | .05 | .09 | .22 | | • |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 2.77 | .01 | T | .03 | .13 | | .16 | .02 | | T | | | | | 2.17 | T | | | | | | | | .12 | .01 | T | | | T | T | .12 | | • |
| AUDUBON | 3.22 | | | T | T | | .40 | | | T | | | | | 2.48 | T | | | | | | | | .22 | T | | | | T | .05 | .07 | | • |
| BASS RIVER ST FOREST | 3.14 | .28 | | .04 | .19 | | | | .29 | | | | | | | 2.10 | | | | | | | | | .14 | | | | | .03 | | .07 | • |
| BELLEPLAIN ST FOREST | 2.81 | .20 | | T | .21 | | T | .29 | | T | | | | | 1.76 | .15 | | | | | | | | .13 | T | T | | | | .01 | T | .06 | • |
| BURLINGTON | 3.02 | | | .20 | .10 | | | .11 | | T | | | | | 2.00 | .21 | | | | | | | | .20 | | | | | .01 | .04 | .15 | | • |
| CANTON | 2.05 | .25 | | T | | | | .03 | | | | | | | .87 | .60 | | | | | | | | .18 | | | | | | | .08 | .04 | • |
| CHATSWORTH | 3.45 | .15 | | .07 | .23 | | | .37 | | | | | | | 2.00 | .32 | | | | | | | | .22 | | | | | | | .09 | | • |
| FORTESCUE | 1.75 | .30 | | | | | | | | | | | | | .40 | .80 | | | | | | | | | | | | | | | | .25 | • |
| FREEHOLD | 3.01 | .29 | | .08 | .05 | T | | .29 | .03 | | T | | | | .09 | 1.85 | | | | | | | | | .22 | T | | | | .03 | .02 | .06 | • |
| GLASSBORO | 2.91 | .25 | | .02 | .06 | | .01 | | | .01 | | | | | 1.13 | 1.12 | T | | | | | | | .25 | T | | | | .02 | | .03 | .01 | • |
| HAMMONTON 2 NNE | .69 | .34 | | | .14 | | | | | | | | | | | | | | | | | | | | .20 | | | | | | .01 | | • |
| HIGHTSTOWN 1 N | 2.35 | .20 | | .08 | .04 | | | .16 | | T | T | | | | 1.07 | .46 | | | | | | | | .18 | .03 | | | | T | .01 | .03 | .09 | • |
| INDIAN MILLS 2 W | 3.15 | .07 | | T | .22 | | T | .18 | | T | T | | | | 2.41 | T | | | | | | | | .18 | .02 | T | | | T | .02 | T | .05 | • |
| MAYS LANDING 1 W | 3.86 | .27 | | T | .21 | T | | .28 | | | T | | | | .40 | 2.47 | | | | | | | | | .14 | | | | | T | T | .09 | • |
| MILLVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | • |
| MILLVILLE FAA AIRPORT | 2.61 | .04 | | .06 | .06 | | .11 | .06 | | T | | | | | 1.98 | T | | | | | | | | .13 | .01 | T | | | T | T | .16 | T | • |
| MOORESTOWN | 3.86 | .25 | | .04 | .08 | | | | .12 | | | T | | * | * | 2.63 | T | | | | | | | | .17 | T | | | | .50 | T | .07 | • |
| NEW BRUNSWICK EXP STA | 3.78 | | | .10 | .03 | | | .25 | | | | | | | .80 | .44 | | | | | | | | .13 | .03 | | | | T | .03 | .08 | 1.89 | • |
| NEW MONMOUTH | 2.74 | | | .32 | .21 | | .08 | .24 | | | T | | | | 1.18 | .34 | | .05 | | | | | | .18 | | | | | .02 | | .03 | .09 | • |
| PEMBERTON 3 E | 2.66 | .15 | | .07 | .14 | | | .22 | | | | | | | 1.69 | .30 | | | | | | | | | .04 | | | | | | .05 | | • |
| PENNSAUKEN | 3.40 | .30 | | T | .13 | T | | .12 | | | T | | | | .90 | 1.60 | T | | | | | | | | .20 | | | | | .06 | .02 | .07 | • |
| PRINCETON WATER WORKS | 1.99 | | T | .11 | T | | .12 | | | T | | | | | 1.45 | T | | | | | | | | .16 | T | | | | .01 | .03 | .11 | | • |
| SEABROOK FARMS | 3.16 | .34 | | .06 | .11 | .03 | | .18 | | | T | | | | | 2.17 | T | | | | | | | | .18 | | | | | .02 | T | .07 | • |
| SHILOH | 2.17 | .12 | | .01 | .16 | | | .15 | | | | | | | 1.58 | T | | | | | | | | .13 | | | | | | .02 | | | • |
| TOMS RIVER | 2.24 | .06 | | .10 | .20 | | | .28 | | | | | | | .39 | 1.07 | | | | | | | | | | | | | | .03 | .04 | .07 | • |
| TRENTON WB CITY R | 2.29 | T | T | .07 | .01 | | .15 | T | | T | T | | | | 1.74 | T | | | | | | | | .18 | T | | | | .01 | .04 | .09 | | • |
| TUCKERTON | 2.47 | .10 | | .03 | .20 | | .04 | .30 | | T | | | | | 1.56 | T | T | | | | | | | .13 | .02 | T | | | T | T | .01 | .08 | • |
| WOODSTOWN D | 2.53D | .10 | | .04 | .20 | | T | .20 | | T | T | | | | 1.66 | .01 | | | | | | | | .18 | .01 | T | | | .01 | .04 | .01 | .07 | • |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 2.09 | .04 | | .04 | .15 | | .12 | .01 | | | | | | | 1.50 | | | | | | | | | .13 | | | | | .01 | .01 | .08 | | • |
| BELMAR 2 SW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | • |
| CAPE MAY 3 W | 2.82 | .41 | | .05 | .19 | | | T | | | T | | | | 1.90 | .09 | | | | | | | | .06 | T | | | | | .08 | | .04 | • |
| LONG BRANCH 2 N | 2.27 | .18 | | .08 | .07 | | | .29 | | T | T | | | | 1.25 | .06 | | | | | | | | .18 | .03 | T | | | .01 | .04 | .03 | .05 | • |

## SPECIAL WEATHER SUMMARY

January was dry and very cold throughout the State. This was the fourth month of the past 5 months with below normal temperature and precipitation in most areas of New Jersey. Only December was warmer and wetter than normal. There were no severe storms reported during January.

Donald V. Dunlap
ESSA-Weather Bureau State Climatologist
Department of Meteorology
College of Agriculture & Environmental Science
Rutgers - The State University
New Brunswick, New Jersey 08903

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1968-'71

15

# DAILY TEMPERATURES

NEW JERSEY
JANUARY 1968

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIOERE | MAX | 27 | 22 | 20 | 29 | 35 | 21 | 24 | 22 | 15 | 13 | 27 | 23 | 24 | 27 | 40 | 31 | 20 | 32 | 35 | 45 | 46 | 42 | 41 | 36 | 26 | 25 | 42 | 45 | 40 | 38 | 39 | 30.7 |
| | MIN | 14 | -4 | 2 | 17 | 7 | 2 | 4 | 1 | -6 | -2 | -7 | -9 | -7 | -7 | 22 | 10 | 12 | 13 | 16 | 28 | 28 | 23 | 29 | 18 | 16 | 7 | 10 | 24 | 34 | 35 | 34 | 11.7 |
| BOONTON 1 SE | MAX | 29 | 22 | 23 | 32 | 34 | 21 | 27 | 25 | 14 | 14 | 20 | 21 | 25 | 31 | 39 | 31 | 19 | 33 | 43 | 46 | 46 | 48 | 42 | 37 | 25 | 24 | 41 | 48 | 40 | 38 | 41 | 31.6 |
| | MIN | 18 | -2 | 1 | 20 | 9 | 5 | 9 | 6 | -5 | -4 | -6 | -9 | -6 | 0 | 27 | 10 | 9 | 16 | 18 | 25 | 30 | 24 | 25 | 18 | 15 | 12 | 17 | 26 | 32 | 34 | 32 | 13.1 |
| CANOE BROOK | MAX | 28 | 25 | 24 | 34 | 34 | 23 | 30 | 31 | 16 | 17 | 17 | 17 | 17 | 32 | 33 | 33 | 23 | 34 | 44 | 48 | 48 | 49 | 45 | 39 | 25 | 22 | 40 | 48 | 43 | 40 | 40 | 32.2 |
| | MIN | 14 | -7 | -5 | 20 | 8 | 2 | 7 | -2 | -6 | -5 | -4 | -12 | -4 | -3 | 29 | 10 | 11 | 13 | 16 | 12 | 26 | 20 | 12 | 18 | 14 | 8 | 9 | 27 | 30 | 34 | 32 | 10.5 |
| CHARLOTTEBURG | MAX | 27 | 21 | 22 | 30 | 32 | 21 | 31 | 23 | 7 | 17 | 19 | 18 | 22 | 32 | 40 | 29 | 16 | 34 | 46 | 46 | 48 | 45 | 39 | 37 | 23 | 20 | 37 | 47 | 38 | 35 | 38 | 30.3 |
| | MIN | 10 | -2 | -1 | 19 | 7 | 2 | 9 | 4 | -6 | -6 | -6 | -6 | -5 | -4 | 20 | 7 | 6 | 15 | 19 | 25 | 28 | 23 | 25 | 16 | 13 | 12 | 14 | 28 | 32 | 33 | 31 | 11.7 |
| EL1ZABETH | MAX | 30 | 24 | 34 | 35 | 30 | 26 | 28 | 18 | 14 | 22 | 21 | 27 | 34 | 35 | 45 | 33 | 34 | 44 | 50 | 48 | 52 | 46 | 41 | 38 | 28 | 34 | 48 | 46 | 41 | 45 | 49 | 35.5 |
| | MIN | 16 | 6 | 16 | 29 | 10 | 8 | 13 | 5 | -1 | 4 | 2 | 1 | 12 | 29 | 29 | 12 | 11 | 21 | 28 | 30 | 30 | 27 | 30 | 21 | 20 | 16 | 27 | 31 | 37 | 38 | 36 | 19.2 |
| ESSEX FELLS SERV BLOG | MAX | 27 | 20 | 20 | 33 | 32 | 20 | 26 | 25 | 12 | 11 | 18 | 18 | 20 | 32 | 40 | 30 | 20 | 32 | 44 | 46 | 48 | 47 | 42 | 39 | 25 | 20 | 40 | 57 | 40 | 40 | 40 | 31.1 |
| | MIN | 19 | -2 | 2 | 20 | 8 | 5 | 8 | 1 | -6 | -3 | -3 | -3 | -2 | 2 | 28 | 9 | 9 | 17 | 22 | 28 | 28 | 22 | 23 | 19 | 16 | 10 | 12 | 24 | 33 | 34 | 32 | 13.3 |
| FLEMINGTON 1 NE | MAX | 27 | 29 | 24 | 31 | 35 | 18 | 26 | 24 | 14 | 14 | 24 | 21 | 25 | 32 | 42 | 34 | 22 | 32 | 45 | 48 | 47 | 47 | 45 | 37 | 25 | 24 | 40 | 47 | 41 | 40 | 41 | 32.3 |
| | MIN | 19 | -9 | -9 | 19 | 9 | -3 | 0 | 3 | -3 | -2 | -1 | -2 | -3 | -1 | 28 | 13 | 11 | 14 | 12 | 18 | 26 | 23 | 21 | 21 | 19 | 11 | 12 | 21 | 30 | 35 | 37 | 11.9 |
| HIGH POINT PARK | MAX | 18 | 15 | 21 | 25 | 28 | 26 | 22 | 21 | 9 | 9 | 18 | 14 | 19 | 11 | 30 | 26 | 12 | 29 | 40 | 40 | 42 | 40 | 36 | 35 | 21 | 13 | 26 | 56 | 34 | 35 | 38 | 26.1 |
| | MIN | 10 | -8 | -3 | 20 | 2 | 2 | -3 | -4 | -13 | -8 | -9 | -11 | -6 | -2 | 8 | -1 | 0 | 2 | 23 | 13 | 12 | 19 | 21 | 6 | 4 | 3 | 9 | 12 | 28 | 29 | 21 | 5.7 |
| JERSEY CITY | MAX | 29 | 22 | 34 | 35 | 24 | 26 | 27 | 14 | 14 | 18 | 17 | 22 | 31 | 40 | 35 | 25 | 32 | 45 | 50 | 49 | 51 | 40 | 40 | 36 | 23 | 39 | 47 | 41 | 40 | 43 | 46 | 33.4 |
| | MIN | 15 | 6 | 21 | 24 | 12 | 15 | 12 | 2 | 0 | 3 | 2 | 2 | 9 | 30 | 25 | 13 | 19 | 26 | 35 | 34 | 34 | 30 | 34 | 22 | 18 | 16 | 28 | 36 | 37 | 37 | 35 | 20.4 |
| LAMBERTVILLE | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAYTON 2 | MAX | 27 | 22 | 20 | 27 | 36 | 24 | 24 | 22 | 11 | 11 | 22 | 20 | 19 | 26 | 35 | 33 | 19 | 32 | 45 | 49 | 49 | 45 | 40 | 35 | 26 | 23 | 39 | 47 | 36 | 35 | 37 | 30.2 |
| | MIN | 11 | -11 | -9 | 12 | 8 | -5 | -3 | 2 | -9 | -15 | -18 | -18 | -17 | -13 | 24 | 7 | 7 | 8 | 9 | 15 | 24 | 18 | 18 | 15 | 10 | 2 | 2 | 21 | 32 | 32 | 31 | 6.1 |
| LITTLE FALLS | MAX | 30 | 24 | 26 | 35 | 36 | 24 | 31 | 28 | 12 | 14 | 21 | 22 | 26 | 34 | 40 | 33 | 23 | 36 | 37 | 51 | 51 | 51 | 46 | 40 | 28 | 23 | 43 | 50 | 42 | 40 | 42 | 33.5 |
| | MIN | 21 | 2 | 6 | 22 | 10 | 9 | 18 | 5 | -2 | -1 | -2 | -2 | -1 | 10 | 28 | 10 | 12 | 20 | 25 | 29 | 31 | 27 | 30 | 20 | 16 | 14 | 17 | 32 | 35 | 35 | 33 | 16.4 |
| LONG VALLEY | MAX | 27 | 23 | 22 | 29 | 34 | 20 | 27 | 23 | 14 | 7 | 22 | 20 | 25 | 34 | 40 | 30 | 21 | 33 | 43 | 48 | 47 | 48 | 42 | 36 | 24 | 22 | 40 | 45 | 40 | 37 | 40 | 31.1 |
| | MIN | 11 | -3 | -1 | 20 | 7 | 0 | 4 | 2 | -3 | -2 | 0 | -1 | -3 | 1 | 28 | 9 | 11 | 11 | 12 | 18 | 27 | 24 | 24 | 18 | 16 | 14 | 14 | 28 | 33 | 35 | 32 | 12.5 |
| MORRIS PLAINS 1 W | MAX | 27 | 34 | 21 | 30 | 33 | 19 | 28 | 24 | 13 | 12 | 21 | 19 | 26 | 30 | 38 | 30 | 19 | 31 | 44 | 46 | 45 | 46 | 42 | 35 | 24 | 22 | 38 | 46 | 39 | 38 | 39 | 30.9 |
| | MIN | 19 | -6 | -4 | 20 | 8 | 2 | 6 | 4 | -4 | -3 | -2 | -2 | -3 | -1 | 26 | 10 | 9 | 12 | 15 | 26 | 27 | 22 | 22 | 19 | 17 | 15 | 17 | 26 | 33 | 34 | 32 | 12.8 |
| NEWARK WB AIRPORT | MAX | 31 | 24 | 35 | 35 | 22 | 29 | 27 | 16 | 15 | 20 | 21 | 25 | 33 | 46 | 36 | 26 | 34 | 45 | 50 | 49 | 51 | 44 | 42 | 33 | 27 | 43 | 50 | 44 | 43 | 45 | 47 | 35.1 |
| | MIN | 13 | 7 | 22 | 18 | 12 | 10 | 11 | 3 | 1 | 3 | 4 | 3 | 10 | 28 | 26 | 15 | 18 | 25 | 31 | 33 | 35 | 32 | 32 | 24 | 22 | 18 | 30 | 36 | 37 | 38 | 35 | 20.4 |
| NEWTON | MAX | 20 | 20 | 15 | 28 | 35 | 21 | 27 | 23 | 10 | 9 | 11 | 12 | 10 | 18 | 41 | 32 | 17 | 30 | 42 | 46 | 46 | 46 | 40 | 37 | 24 | 20 | 37 | 45 | 38 | 38 | 38 | 28.3 |
| | MIN | 9 | -7 | -5 | 14 | 8 | -1 | 7 | 5 | -6 | -12 | -12 | -23 | -11 | -11 | 16 | 6 | 7 | 6 | 10 | 22 | 22 | 19 | 20 | 15 | 10 | 3 | 12 | 20 | 30 | 33 | 32 | 7.7 |
| PATERSON | MAX | 30 | 25 | 27 | 36 | 35 | 26 | 29 | 26 | 14 | 14 | 18 | 16 | 19 | 32 | 37 | 32 | 24 | 38 | 47 | 50 | 50 | 51 | 45 | 41 | 28 | 23 | 43 | 47 | 47 | 45 | 43 | 33.5 |
| | MIN | 20 | 5 | 7 | 27 | 11 | 11 | 14 | 5 | -1 | 0 | -1 | 0 | 2 | 12 | 30 | 10 | 12 | 18 | 30 | 32 | 35 | 28 | 31 | 20 | 17 | 14 | 16 | 30 | 37 | 35 | 34 | 17.5 |
| PHILLIPSBURG | MAX | 29 | 21 | 27 | 37 | 37 | 26 | 26 | 20 | 15 | 27 | 26 | 23 | 28 | 38 | 41 | 33 | 34 | 45 | 48 | 50 | 49 | 47 | 46 | 37 | 26 | 42 | 48 | 50 | 41 | 41 | 45 | 35.6 |
| | MIN | 19 | -3 | 11 | 25 | 7 | -1 | 8 | 5 | 0 | 8 | -1 | -3 | 2 | 21 | 29 | 12 | 16 | 15 | 19 | 22 | 29 | 24 | 30 | 17 | 16 | 12 | 23 | 28 | 34 | 35 | 33 | 15.9 |
| PLAINFIELO | MAX | 26 | 21 | 34 | 35 | 28 | 26 | 26 | 16 | 14 | 22 | 19 | 24 | 31 | 37 | 43 | 29 | 33 | 43 | 48 | 47 | 49 | 44 | 39 | 30 | 25 | 41 | 48 | 42 | 40 | 42 | 46 | 33.8 |
| | MIN | 19 | 4 | 14 | 28 | 10 | 6 | 13 | 6 | -2 | 5 | 2 | -2 | 5 | 27 | 29 | 13 | 16 | 18 | 24 | 27 | 30 | 24 | 30 | 22 | 19 | 12 | 24 | 30 | 36 | 36 | 34 | 18.0 |
| SOMERVILLE | MAX | 29 | 23 | 32 | 36 | 28 | 26 | 25 | 17 | 13 | 23 | 21 | 28 | 33 | 39 | 43 | 32 | 34 | 45 | 49 | 48 | 50 | 46 | 38 | 36 | 27 | 41 | 48 | 43 | 41 | 42 | 45 | 34.9 |
| | MIN | 13 | -3 | 13 | 28 | 9 | 0 | 13 | 5 | -1 | 3 | 0 | -1 | 7 | 28 | 29 | 13 | 16 | 16 | 20 | 31 | 28 | 22 | 30 | 20 | 20 | 21 | 20 | 28 | 35 | 36 | 35 | 17.2 |
| SUSSEX 1 SE | MAX | 29 | 21 | 12 | 29 | 34 | 22 | 22 | 22 | 12 | 5 | 8 | 5 | 8 | 19 | 36 | 31 | 19 | 31 | 42 | 45 | 47 | 44 | 39 | 35 | 26 | 29 | 46 | 38 | 37 | | 37 | 27.7 |
| | MIN | 5 | -10 | -8 | 10 | 7 | -3 | -3 | 3 | -12 | -21 | -20 | -22 | -22 | -8 | 16 | 4 | 5 | 10 | 10 | 19 | 20 | 15 | 16 | 13 | 7 | 3 | 15 | 29 | 29 | | 29 | 4.5 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 32 | 26 | 32 | 32 | 18 | 32 | 29 | 12 | 15 | 21 | 16 | 21 | 36 | 46 | 33 | 28 | 31 | 48 | 50 | 48 | 51 | 41 | 41 | 34 | 23 | 37 | 48 | 46 | 44 | 60 | 41 | 34.6 |
| | MIN | 5 | 0 | 22 | 18 | 9 | 8 | 10 | 4 | 3 | 9 | 3 | 0 | 11 | 31 | 28 | 13 | 14 | 15 | 23 | 27 | 28 | 28 | 32 | 22 | 16 | 10 | 21 | 27 | 37 | 37 | 35 | 17.6 |
| AUOUBON | MAX | 34 | 27 | 34 | 36 | 23 | 33 | 29 | 20 | 19 | 28 | 24 | 26 | 36 | 45 | 35 | 32 | 36 | 48 | 52 | 51 | 53 | 50 | 42 | 38 | 27 | 42 | 52 | 51 | 48 | 52 | 49 | 37.8 |
| | MIN | 14 | 7 | 22 | 20 | 11 | 10 | 14 | 8 | 5 | 15 | 6 | 6 | 13 | 33 | 29 | 17 | 20 | 22 | 25 | 24 | 30 | 29 | 32 | 22 | 23 | 17 | 24 | 31 | 38 | 40 | 33 | 20.6 |
| BELLEPLAIN ST FOREST | MAX | 31 | 32 | 37 | 37 | 34 | 35 | 32 | 22 | 18 | 27 | 25 | 26 | 38 | 50 | 47 | 35 | 35 | 47 | 53 | 52 | 55 | 47 | 45 | 43 | 26 | 40 | 52 | 53 | 50 | 60 | 60 | 40.1 |
| | MIN | 25 | 0 | 25 | 32 | 12 | 5 | 21 | 9 | 0 | 13 | 9 | 0 | 15 | 35 | 28 | 19 | 10 | 14 | 19 | 26 | 25 | 24 | 28 | 24 | 23 | 11 | 19 | 28 | 38 | 41 | 39 | 19.9 |
| BURLINGTON | MAX | 33 | 33 | 34 | 45 | 34 | 31 | 32 | 17 | 17 | 25 | 28 | 25 | 35 | 44 | 45 | 36 | 35 | 46 | 51 | 49 | 51 | 49 | 42 | 39 | 29 | 40 | | 49 | 47 | 46 | 48 | 37.8 |
| | MIN | 17 | 4 | 19 | 28 | 13 | 8 | 14 | 7 | 4 | 2 | 5 | 3 | 11 | 12 | 28 | 16 | 18 | 22 | 22 | 22 | 31 | 29 | 31 | 21 | 22 | 16 | | 32 | 36 | 38 | 38 | 19.0 |
| CHATSWORTH | MAX | 33 | 31 | 35 | 35 | 32 | 33 | 33 | 18 | 16 | 27 | 20 | 27 | 38 | 47 | 47 | 34 | 35 | 50 | 53 | 50 | 53 | 47 | 45 | 40 | 26 | 42 | 50 | 54 | 48 | 58 | 49 | 38.9 |
| | MIN | 20 | 2 | 22 | 30 | 10 | 5 | 18 | 5 | 1 | 12 | 4 | -6 | 8 | 28 | 27 | 18 | 15 | 18 | 16 | 23 | 28 | 25 | 29 | 22 | 21 | 14 | 22 | 26 | 38 | 40 | 28 | 18.4 |
| FREEHOLO | MAX | 32 | 25 | 28 | 35 | 34 | 21 | 29 | 26 | 17 | 14 | 18 | 18 | 24 | 36 | 46 | 34 | 23 | 35 | 46 | 50 | 48 | 51 | 45 | 44 | 27 | 25 | 40 | 49 | 45 | 42 | 50 | 34.1 |
| | MIN | 20 | -2 | 15 | 27 | 8 | 5 | 10 | 5 | -1 | 2 | 3 | -1 | 1 | 12 | 26 | 13 | 14 | 20 | 24 | 29 | 30 | 26 | 31 | 21 | 20 | 14 | 19 | 30 | 35 | 35 | 35 | 17.0 |
| GLASSBORO | MAX | 34 | 28 | 27 | 35 | 34 | 20 | 34 | 28 | 19 | 21 | 28 | 22 | 23 | 40 | 44 | 35 | 25 | 35 | 44 | 52 | 51 | 52 | 53 | 42 | 27 | 26 | 40 | 50 | 53 | 50 | 55 | 36.4 |
| | MIN | 24 | 5 | 8 | 26 | 11 | 12 | 18 | 8 | 6 | 7 | 7 | 6 | 8 | 17 | 30 | 18 | 17 | 20 | 26 | 30 | 32 | 30 | 31 | 24 | 22 | 18 | 20 | 32 | 37 | 38 | 39 | 20.2 |
| HAMMONTON 2 NNE | MAX | 33 | 33 | 40 | 35 | 35 | 25 | 34 | 28 | 20 | 17 | 21 | 20 | 24 | 44 | 49 | 35 | 26 | 38 | 50 | 55 | 55 | 57 | 48 | 43 | 26 | 23 | 41 | 53 | 53 | 47 | 59 | 37.6 |
| | MIN | 21 | 3 | 4 | 25 | 11 | 10 | 15 | 7 | 4 | 6 | 5 | 2 | 5 | 13 | 28 | 12 | 17 | 20 | 26 | 30 | 31 | 30 | 31 | 24 | 22 | 14 | 17 | 29 | 36 | 38 | 39 | 18.5 |
| HIGHTSTOWN 1 N | MAX | 30 | 24 | 35 | 35 | 31 | 26 | 26 | 15 | 12 | 20 | 17 | 27 | 33 | 41 | 45 | 33 | 33 | 45 | 49 | 48 | 49 | 48 | 41 | 37 | 26 | 38 | 47 | 44 | 43 | 44 | 45 | 35.1 |
| | MIN | 17 | 2 | 20 | 29 | 9 | 5 | 15 | 5 | 0 | 7 | 2 | -3 | 5 | 29 | 28 | 15 | 16 | 22 | 27 | 29 | 31 | 25 | 31 | 21 | 21 | 14 | 23 | 28 | 35 | 36 | 35 | 18.7 |
| INOIAN MILLS 2 W | MAX | 33 | 32 | 34 | 34 | 31 | 33 | 30 | 16 | 17 | 25 | 20 | 24 | 39 | 48 | 46 | 33 | 34 | 48 | 52 | 49 | 52 | 47 | 43 | 38 | 25 | 39 | 49 | 53 | 46 | 55 | 48 | 37.8 |
| | MIN | 13 | -4 | 20 | 30 | 9 | 3 | 14 | 6 | 1 | 11 | 3 | -4 | 7 | 33 | 26 | 15 | 15 | 15 | 21 | 27 | 26 | 26 | 29 | 20 | 20 | 9 | 19 | 25 | 36 | 37 | 35 | 17.5 |
| MILLVILLE | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | MAX | 34 | 28 | 35 | 34 | 21 | 34 | 32 | 17 | 19 | 26 | 21 | 25 | 39 | 49 | 35 | 29 | 33 | 48 | 52 | 49 | 52 | 47 | 41 | 34 | 27 | 39 | 48 | 52 | 50 | 59 | 48 | 37.3 |
| | MIN | 4 | -3 | 24 | 20 | 7 | 7 | 12 | 9 | 9 | 15 | 7 | 3 | 17 | 30 | 29 | 17 | 13 | 16 | 20 | 30 | 28 | 29 | 33 | 23 | 21 | 14 | 22 | 27 | 39 | 41 | 37 | 19.4 |
| MOORESTOWN | MAX | 31 | 24 | 32 | 34 | 24 | 31 | 27 | 17 | 17 | 23 | 20 | 24 | 35 | 42 | 31 | 30 | 34 | 46 | 52 | 49 | 52 | 48 | 40 | 32 | 24 | 38 | 49 | 47 | 48 | 47 | 46 | 35.3 |
| | MIN | 9 | 1 | 6 | 24 | 10 | 10 | 7 | 5 | -1 | 3 | 4 | -2 | 11 | | | 15 | 16 | 22 | 25 | 28 | 30 | 28 | 28 | 23 | 22 | 14 | 22 | 28 | 20 | 38 | 40 | 16.8 |
| NEW BRUNSWICK EXP STA | MAX | 30 | 24 | 34 | 35 | 33 | 28 | 26 | 17 | 12 | 21 | 20 | 25 | 33 | 40 | 45 | 33 | 34 | 46 | 50 | 48 | 50 | 48 | 41 | 38 | 26 | 40 | 50 | 48 | 40 | 43 | 45 | 35.6 |
| | MIN | 19 | 4 | 19 | 29 | 10 | 6 | 15 | 6 | -1 | 11 | 2 | -1 | 9 | 30 | 28 | 13 | 16 | 20 | 28 | 32 | 32 | 26 | 32 | 20 | 19 | 16 | 26 | 32 | 35 | 35 | 36 | 19.5 |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW MONMOUTH | MAX | 31 | 27 | 36 | 35 | 34 | 29 | 29 | 18 | 14 | 17 | 18 | 24 | 33 | 38 | 46 | 33 | 35 | 47 | 51 | 49 | 50 | 45 | 44 | 40 | 26 | 39 | 46 | 45 | 41 | 45 | 44 | 35.8 |
| | MIN | 18 | 5 | 18 | 30 | 16 | 10 | 17 | 6 | 0 | 9 | 6 | 3 | 5 | 31 | 28 | 19 | 16 | 21 | 28 | 32 | 34 | 27 | 31 | 23 | 21 | 17 | 29 | 29 | 36 | 36 | 36 | 20.5 |
| PEMBERTON 3 E | MAX | 31 | 29 | 35 | 34 | 30 | 31 | 32 | 17 | 13 | 26 | 22 | 25 | 35 | 43 | 47 | 34 | 35 | 49 | 52 | 50 | 51 | 52 | 45 | 39 | 25 | 41 | 51 | 53 | 45 | 54 | 46 | 37.8 |
| | MIN | 22 | 0 | 19 | 28 | 9 | 5 | 16 | 4 | 0 | 9 | 4 | - 8 | 8 | 27 | 27 | 16 | 16 | 18 | 24 | 27 | 28 | 26 | 32 | 22 | 22 | 13 | 18 | 28 | 35 | 38 | 38 | 18.4 |
| SEABROOK FARMS | MAX | 32 | 28 | 27 | 34 | 33 | 24 | 33 | 27 | 16 | 18 | 25 | 20 | 23 | 41 | 48 | 35 | 25 | 34 | 48 | 52 | 50 | 52 | 45 | 41 | 27 | 26 | 39 | 49 | 52 | 50 | 55 | 35.8 |
| | MIN | 24 | - 8 | 3 | 27 | 11 | 9 | 24 | 9 | 8 | 8 | 8 | 4 | 6 | 17 | 29 | 18 | 16 | 20 | 24 | 30 | 29 | 28 | 31 | 25 | 23 | 14 | 18 | 28 | 33 | 38 | 40 | 19.2 |
| SHILOH | MAX | 33 | 25 | 34 | 34 | 34 | 32 | 31 | 19 | 17 | 25 | 24 | 23 | 36 | 48 | 38 | 34 | 36 | 49 | 53 | 51 | 53 | 45 | 41 | 40 | 26 | 40 | 50 | 51 | 51 | 57 | 50 | 38.1 |
| | MIN | 21 | - 1 | 21 | 30 | 11 | 9 | 18 | 8 | 7 | 14 | 13 | 2 | 14 | 34 | 28 | 17 | 15 | 20 | 26 | 30 | 32 | 27 | 30 | 22 | 23 | 15 | 27 | 30 | 36 | 40 | 39 | 21.2 |
| TOMS RIVER | MAX | 34 | 28 | 30 | 36 | 36 | 20 | 33 | 26 | 17 | 18 | 22 | 20 | 22 | 40 | 47 | 35 | 24 | 36 | 51 | 53 | 50 | 52 | 45 | 46 | 27 | 25 | 40 | 50 | 50 | 44 | 57 | 35.9 |
| | MIN | 24 | 4 | 14 | 29 | 10 | 8 | 16 | 3 | 1 | 4 | 6 | - 6 | 4 | 22 | 27 | 16 | 16 | 17 | 23 | 23 | 30 | 25 | 28 | 23 | 22 | 15 | 22 | 28 | 38 | 37 | 39 | 18.3 |
| TRENTON WB CITY | MAX | 32 | 24 | 34 | 36 | 19 | 29 | 25 | 16 | 16 | 23 | 20 | 25 | 32 | 45 | 35 | 26 | 34 | 47 | 49 | 49 | 49 | 48 | 40 | 34 | 26 | 39 | 48 | 44 | 44 | 45 | 46 | 34.8 |
| | MIN | 14 | 8 | 23 | 17 | 11 | 13 | 12 | 6 | 4 | 12 | 6 | 6 | 15 | 32 | 26 | 17 | 19 | 24 | 30 | 34 | 34 | 32 | 34 | 22 | 23 | 19 | 30 | 37 | 39 | 39 | 35 | 21.7 |
| TUCKERTON | MAX | 33 | 33 | 37 | 35 | 33 | 35 | 32 | 18 | 18 | 27 | 24 | 31 | 39 | 47 | 46 | 35 | 35 | 52 | 55 | 52 | 54 | 43 | 44 | 41 | 28 | 41 | 52 | 47 | 45 | 54 | 46 | 39.1 |
| | MIN | 14 | 4 | 25 | 31 | 11 | 6 | 15 | 5 | 3 | 13 | 8 | - 2 | 13 | 34 | 28 | 16 | 13 | 17 | 22 | 28 | 31 | 27 | 31 | 23 | 23 | 14 | 24 | 27 | 38 | 38 | 37 | 19.9 |
| WOODSTOWN | MAX | 32 | 25 | 33 | 35 | 33 | 34 | 31 | 19 | 20 | 26 | 23 | 25 | 37 | 46 | 40 | 35 | 34 | 46 | 53 | 51 | 52 | 46 | 42 | 39 | 27 | 41 | 49 | 52 | 50 | 53 | 50 | 38.0 |
| | MIN | 17 | - 2 | 21 | 30 | 11 | 9 | 18 | 8 | 7 | 14 | 8 | 5 | 12 | 30 | 29 | 17 | 18 | 18 | 22 | 29 | 28 | 27 | 30 | 22 | 21 | 14 | 21 | 28 | 35 | 39 | 37 | 20.1 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 36 | 36 | 38 | 38 | 23 | 37 | 34 | 18 | 22 | 26 | 23 | 29 | 40 | 50 | 37 | 32 | 34 | 45 | 55 | 53 | 56 | 46 | 43 | 37 | 30 | 42 | 51 | 48 | 44 | 52 | 43 | 38.6 |
| | MIN | 17 | 15 | 30 | 23 | 15 | 17 | 15 | 12 | 9 | 18 | 14 | 9 | 18 | 36 | 32 | 20 | 20 | 29 | 34 | 33 | 37 | 33 | 37 | 26 | 25 | 22 | 30 | 35 | 41 | 41 | 40 | 25.3 |
| CAPE MAY 3 W | MAX | 38 | 29 | 39 | 40 | 36 | | | 35 | 20 | 29 | 27 | 25 | 39 | 48 | 47 | 34 | 35 | 46 | 45 | 45 | 48 | 46 | 43 | 42 | 28 | 36 | 42 | 47 | 51 | 55 | 48 | 39.4 |
| | MIN | 28 | 11 | 26 | 33 | 14 | | | 11 | 12 | 18 | 13 | 8 | 19 | 38 | 30 | 22 | 17 | 21 | 31 | 33 | 34 | 30 | 34 | 25 | 25 | 25 | 31 | 29 | 39 | 40 | 40 | 25.4 |
| LONG BRANCH 2 N | MAX | 30 | 30 | 36 | 34 | 32 | 28 | 31 | 16 | 13 | 18 | 18 | 26 | 34 | 43 | 45 | 32 | 35 | 45 | 49 | 47 | 49 | 41 | 43 | 38 | 28 | 40 | 48 | 41 | 40 | 46 | 43 | 35.5 |
| | MIN | 19 | 14 | 27 | 30 | 12 | 10 | 15 | 7 | 1 | 11 | 9 | 5 | 17 | 33 | 29 | 15 | 16 | 24 | 30 | 30 | 33 | 28 | 33 | 23 | 22 | 18 | 27 | 29 | 37 | 36 | 37 | 21.8 |

# DAILY SOIL TEMPERATURES

| Station | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RUTGERS MICRO-MET STA<br>PLOT # 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | INCH | MAX | 34 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 34 | 34 | 34 | 33 | 33 | 34 | 34 | 33 | 34 | 35 | 33 | 33 | 34 | 35 | 35 | 34 | 34 | 33 | - | - | 33 | 37 | 39 | 34.4 |
| | | MIN | 34 | 34 | 34 | 35 | 34 | 35 | 35 | 34 | 33 | 33 | 33 | 33 | 32 | 32 | 31 | 33 | 33 | 33 | 33 | 33 | 32 | 33 | 34 | 34 | 33 | 32 | 32 | - | - | 34 | 36 | 33.3 |
| 2 | INCHES | MAX | 34 | 35 | 35 | 36 | 35 | 37 | 37 | 35 | 34 | 34 | 34 | 35 | 33 | 33 | 34 | 33 | 33 | 34 | 33 | 34 | 35 | 36 | 35 | 35 | 34 | 33 | - | - | 34 | 37 | 39 | 34.7 |
| | | MIN | 34 | 34 | 34 | 35 | 35 | 35 | 35 | 34 | 33 | 33 | 33 | 33 | 33 | 32 | 31 | 33 | 33 | 33 | 33 | 33 | 32 | 33 | 34 | 34 | 33 | 32 | 33 | - | - | 34 | 36 | 33.4 |
| 4 | INCHES | MAX | 35 | 36 | 36 | 37 | 37 | 38 | 39 | 36 | 36 | 35 | 35 | 34 | 34 | 34 | 35 | 34 | 34 | 35 | 34 | 34 | 36 | 37 | 36 | 36 | 35 | 34 | - | - | 35 | 37 | 39 | 35.6 |
| | | MIN | 35 | 35 | 35 | 36 | 37 | 36 | 36 | 36 | 35 | 35 | 34 | 34 | 34 | 33 | 32 | 34 | 34 | 34 | 34 | 34 | 33 | 34 | 35 | 35 | 34 | 33 | 34 | - | - | 35 | 37 | 34.6 |
| 8 | INCHES | MAX | 36 | 37 | 37 | 37 | 38 | 39 | 38 | 37 | 36 | 36 | 36 | 35 | 35 | 35 | 35 | 35 | 35 | 36 | 35 | 35 | 36 | 36 | 36 | 36 | 36 | 35 | - | - | 36 | 37 | 38 | 36.2 |
| | | MIN | 36 | 36 | 36 | 37 | 37 | 37 | 37 | 36 | 36 | 35 | 35 | 35 | 35 | 34 | 33 | 35 | 35 | 35 | 34 | 34 | 33 | 35 | 36 | 36 | 35 | 33 | 34 | - | - | 36 | 37 | 35.3 |
| 16 | INCHES | MAX | 39 | 40 | 39 | 39 | 40 | 41 | 42 | 39 | 39 | 39 | 38 | 38 | 38 | 37 | 37 | 37 | 37 | 37 | 37 | 36 | 37 | 37 | 37 | 37 | 38 | 37 | - | - | 37 | 37 | 38 | 38.1 |
| | | MIN | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 38 | 38 | 38 | 38 | 37 | 36 | 35 | 37 | 36 | 37 | 36 | 36 | 35 | 37 | 37 | 37 | 36 | 36 | 36 | - | - | 36 | 37 | 37.3 |
| 32 | INCHES | MAX | 42 | 43 | 42 | 42 | 42 | 44 | 44 | 42 | 41 | 41 | 41 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 39 | 39 | 39 | 39 | 39 | 39 | 40 | 39 | - | - | 39 | 39 | 39 | 40.5 |
| | | MIN | 42 | 42 | 42 | 42 | 42 | 41 | 41 | 41 | 41 | 41 | 40 | 40 | 40 | 39 | 38 | 39 | 39 | 39 | 39 | 39 | 37 | 38 | 39 | 39 | 39 | 38 | 39 | - | - | 39 | 39 | 39.8 |
| PLOT # 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | INCH | MAX | 33 | 34 | 33 | 34 | 34 | 36 | 36 | 34 | 34 | 34 | 34 | 33 | 34 | 33 | 34 | 33 | 34 | 35 | 34 | 33 | 34 | 34 | 34 | 34 | 34 | 33 | - | - | 34 | 39 | 51 | 34.7 |
| | | MIN | 33 | 33 | 33 | 33 | 33 | 34 | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 31 | 33 | 33 | 33 | 33 | 33 | 32 | 33 | 34 | 34 | 33 | 28 | 31 | - | - | 33 | 36 | 32.9 |
| 2 | INCHES | MAX | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | 34 | 34 | 34 | 33 | 34 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | - | - | 33 | 38 | 49 | 34.7 |
| | | MIN | 33 | 33 | 33 | 33 | 33 | 34 | 34 | 33 | 34 | 33 | 33 | 33 | 33 | 33 | 32 | 33 | 33 | 33 | 34 | 33 | 32 | 33 | 34 | 34 | 33 | 30 | 32 | - | - | 33 | 37 | 33.1 |
| 8 | INCHES | MAX | 36 | 36 | 36 | 36 | 36 | 35 | 36 | 36 | 36 | 36 | 36 | 36 | 35 | 35 | 35 | 35 | 35 | 36 | 35 | 35 | 35 | 35 | 35 | 35 | 36 | 35 | - | - | 35 | 37 | 42 | 35.8 |
| | | MIN | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 34 | 35 | 35 | 35 | 35 | 35 | 34 | 35 | 35 | 35 | 34 | 34 | 34 | - | - | 35 | 37 | 34.9 |

MAX AND MIN TEMPERATURES ARE FOR THE 24 HOUR PERIOD ENDING AT MIDNIGHT.

PLOT #1 - SLOPE OF GROUND; FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

PLOT #2 - SLOPE OF GROUND; FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# SNOWFALL AND SNOW ON GROUND

NEW JERSEY
JANUARY 1968

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | 4.0 | | .2 | .2 | T | | 1.0 | | | T | | | | T | .1 | .2 | | | | | | | | T | | | | | | | |
| | SN ON GND | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 7 | 7 | 7 | 7 | 6 | 6 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 1 | 1 | T |
| CHARLOTTEBURG | SNOWFALL | 4.0 | | | .5 | .2 | | 1.5 | | | 1.0 | | | | | | 2.0 | | | | | | | | | | | | | | | |
| | SN ON GND | 6 | 5 | 5 | 5 | 5 | | 6 | 6 | 6 | 7 | 7 | 6 | 6 | 6 | 3 | 5 | 4 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| FLEMINGTON 1 NE | SNOWFALL | 5.0 | | .7 | .5 | .3 | | 3.0 | | | | | | | | | 2.5 | | | | | | | | T | | | | | | | |
| | SN ON GND | 5 | 5 | 6 | 6 | 6 | 6 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 2 | 5 | 5 | 4 | 2 | T | T | | | | | | | | | | |
| LITTLE FALLS | SNOWFALL | 4.0 | | .4 | .3 | .2 | | 1.9 | | | 1.0 | | | | | .3 | .2 | | | | | | | | | | | | | | | |
| | SN ON GND | 6 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | T | T | T | T | | | | | | |
| LONG VALLEY | SNOWFALL | 5.0 | | | 1.0 | 1.0 | | 2.0 | | 1.0 | | | | | | | 2.0 | | | | | | | | | | | | | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MORRIS PLAINS 1 W | SNOWFALL | 3.5 | | .2 | .1 | T | | 3.0 | | | 1.5 | | | | | T | 2.0 | | | | | | | | | | | | | | | |
| | SN ON GND | 6 | 5 | 5 | 5 | 5 | 5 | 8 | 8 | 8 | 9 | 9 | 9 | 8 | 8 | 3 | 5 | 5 | 4 | 3 | 2 | 2 | 1 | 1 | T | T | T | T | T | | | |
| NEWARK WB AIRPORT | SNOWFALL | .2 | | .5 | .2 | | 2.0 | .8 | | .6 | T | | | | | .3 | | | | | | | | | T | | | | | | | |
| | SN ON GND | 3 | 3 | 3 | 3 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 2 | T | T | T | T | | | | | | T | | | | | | | |
| | WTR EQUIV | .3 | .3 | .3 | .3 | .2 | .2 | .4 | .4 | .4 | .4 | .4 | .3 | .2 | .2 | | | | | | | | | | | | | | | | | |
| NEWTON | SNOWFALL | 3.0 | | .1 | | .5 | | 1.5 | | | 1.0 | | | | | | 2.0 | | | | | | | | | | | | | | | |
| | SN ON GND | 9 | 9 | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 8 | 8 | 8 | 8 | 9 | 8 | 8 | 8 | 7 | 7 | 6 | 5 | 4 | 4 | 4 | 4 | 4 | 3 | 2 | T |
| PATERSON | SNOWFALL | 3.9 | | .3 | .2 | T | | 3.2 | | | 1.0 | | | | .1 | .3 | .2 | | | | | | | | | | | | | | | |
| | SN ON GND | 5 | - | - | - | - | - | 4 | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | |
| PHILLIPSBURG | SNOWFALL | 3.0 | | T | | | | 2.0 | | | | | | | T | 1.0 | | | | | | | | | | | | | | | | |
| | SN ON GND | 4 | 4 | 4 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 1 | T | T | | | | | | | | | | | | |
| PLAINFIELD | SNOWFALL | 2.0 | | .5 | .3 | | T | 3.0 | | T | .1 | | | | | .5 | | T | | | | | | | .3 | | | | | | | |
| | SN ON GND | 4 | 4 | 4 | 3 | 3 | 3 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 4 | 3 | 3 | 2 | 2 | 2 | 2 | | | | T | | | | | | | |
| RAHWAY | SNOWFALL | T | T | .7 | .3 | | 2.6 | .2 | | .1 | T | | | | | .2 | | | | | | | | | T | | | | | | | |
| | SN ON GND | 3 | 3 | 4 | 2 | 2 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 2 | T | T | | | | | | | | | T | | | | | | | |
| SOMERVILLE | SNOWFALL | 1.5 | | .5 | .3 | | | 2.5 | | | T | | | | | .3 | | | | | | | | | | | | | | | | |
| | SN ON GND | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 2 | 2 | 1 | T | T | | | | | | | | | | | | |
| WANAQUE RAYMOND DAM | SNOWFALL | 4.5 | | .3 | T | | | 1.5 | | | 1.0 | | | | | T | 1.5 | | | | | | | | | | | | | | | |
| | SN ON GND | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 2 | 2 | | | | | | | | | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | SNOWFALL | .1 | T | .1 | | | .5 | T | | T | | | | | | T | | | | | | | | T | .1 | T | | | | | | |
| | SN ON GND | 1 | 1 | 1 | T | | | T | T | T | T | T | T | T | | | | | | | | | | | | | | | | | | |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BASS RIVER ST FOREST | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| FREEHOLD | SNOWFALL | 3.5 | | .5 | T | T | | 2.0 | | | T | | | | | T | | | | | | | | | | T | | | | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| HIGHTSTOWN 1 N | SNOWFALL | 2.5 | | .7 | .5 | | | 1.5 | | T | T | | | | T | .1 | | | | | | | | | T | | | | | | | |
| | SN ON GND | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 1 | T | T | T | T | T | T | T | | | T | | | | | | | |
| INDIAN MILLS 2 W | SNOWFALL | .8 | | T | T | | T | .8 | | T | T | | | | | T | | | | | | | | | T | T | | | | | | |
| | SN ON GND | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | | | | | | | | | | | | | | | | | | |
| MAYS LANDING 1 W | SNOWFALL | 3.0 | | T | | | | 1.0 | | | T | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | 3 | 3 | 2 | 1 | T | T | T | T | T | T | T | T | T | | | | | | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | SNOWFALL | T | | T | | | .1 | T | | T | | | | | | T | | | | | | | | T | T | T | | | | | | |
| | SN ON GND | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | T | | | | | | | |
| MOORESTOWN | SNOWFALL | 3.0 | | .5 | .5 | | | | .4 | | | T | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | 3 | 3 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK EXP STA | SNOWFALL | | | 1.0 | T | | | 3.0 | | | | | | | | T | | | | | | | | | | | | | | | | |
| | SN ON GND | 4 | 3 | 3 | 3 | 3 | 3 | 6 | 6 | 6 | 6 | 6 | 5 | 4 | T | T | T | T | T | | | | | | | | | | | | | |
| PEMBERTON 3 E | SNOWFALL | 1.5 | | | .5 | | | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | 3 | 3 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | | | | | | | | | | | | | | | |
| SEABROOK FARMS | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| TRENTON WB CITY | SNOWFALL | T | T | .6 | .1 | | 1.2 | T | | T | T | | | | | T | | | | | | | | | T | | | | | | | |
| | SN ON GND | 4 | 4 | 4 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | T | T | T | T | T | T | T | | | | T | | | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2 N | SNOWFALL | 2.0 | | .7 | .6 | | | 2.1 | | T | T | | | | | .1 | | | | | | | | | T | T | | | | | | |
| | SN ON GND | 3 | 2 | 2 | 2 | 2 | 2 | 4 | 3 | 3 | 2 | 2 | 2 | 1 | T | T | T | | | | | | | | | | | | | | | |

# SUPPLEMENTAL DATA

| Station | Wind (Speed - m.p.h.) | | | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | EASTERN STANDARD TIME 1 AM | 7 AM | 1 PM | 7 PM | Trace | .01–.09 | .10–.49 | .50–.99 | 1.00–1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 32 | 4.5 | 11.1 | 36++ | 30 | 04 | 74 | 76 | 57 | 70 | 6 | 4 | 4 | 0 | 0 | 1 | 15 | 47 | 5.8 |
| ATLANTIC CITY ST. MARINA | - | - | - | 41 | WNW | 04 | - | - | - | - | 0 | 6 | 3 | 0 | 1 | 0 | 10 | - | - |
| NEWARK WB AIRPORT | 31 | 4.9 | 11.3 | 32++ | 29 | 07 | 70 | 71 | 56 | 62 | 2 | 9 | 2 | 1 | 0 | 0 | 14 | - | 5.5 |
| TRENTON WB CITY | - | - | - | 33 | NW | 07 | - | - | - | - | 7 | 5 | 2 | 0 | 1 | 0 | 15 | 58 | 5.6 |

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES: TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AR | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 | | 7A | | | WALTER J SCHANCK |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | NORTH BRUNSWICH WT PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 58 | 10 | 5P | 5P | | C | N.WEST MAGNESITE CO. |
| CEDAR GROVE | 1472 | 01 | ESSEX | 8 | 40 52 | 74 13 | 400 | | 8A | | | J. A. PLUNKETT |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F DROPPE |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C M | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | M | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A | | | CHARLES KOONS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 N | 4987 | 03 | MONMOUTH | 1 | 40 20 | 74 00 | 10 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | M | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MANVILLE | 5197 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | JOHN L. RADCLIFFE |
| MARLBORO SCS | 5244 | 02 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | C | GEROW BRILL |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | MID | | C H | L. J. GALLAHER |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GAPRIS, III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK EXP STA | 6062 | 02 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | 5P | 5P | | H | ARTHUR H. AHLQUIST |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEW MONMOUTH | 6154 | 02 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P | | | ST. MARYS SCHOOL |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| OLDWICK | 6544 | 01 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | | 8A | | | DAN A. COUGHLIN |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | R. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PENNSAUKEN | 6863 | 02 | CAMDEN | 2 | 39 57 | 75 04 | 60 | | 9A | | | CAMDEN COUNTY PLNG BD. |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 3P | 3P | | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 | | 7A | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| RUTGERS MICRO-MET STA | 7831 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | | | 8A | CG | RUTGERS UNIV |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P | | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. R. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jeresy may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month

O Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset

VAR This entry in time of observation column in Station Index means variable.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

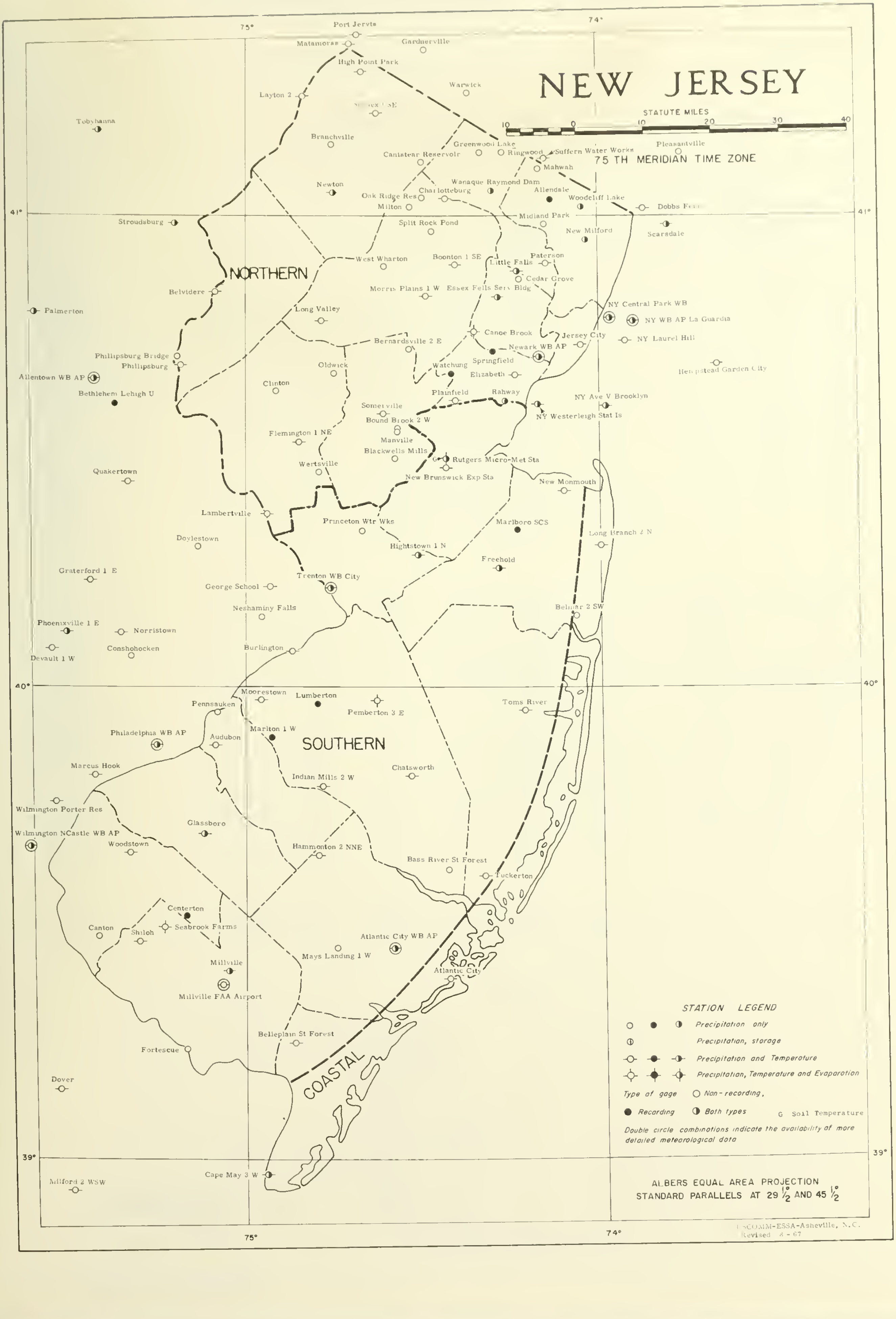
General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual, $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-3/4/58-880


NEW JERSEY
STATUTE MILES
10 0 10 20 30 40
75 TH MERIDIAN TIME ZONE
75°
74°
41°
40°
39°
Port Jervis
Matamoras
Gardnerville
High Point Park
Warwick
Layton 2
Sussex 1 SE
Tobyhanna
Branchville
Greenwood Lake
Canistear Reservoir
Ringwood
Suffern Water Works
Mahwah
Pleasantville
Wanaque Raymond Dam
Newton
Charlotteburg
Allendale
Oak Ridge Res
Woodcliff Lake
Dobbs Ferry
Milton
Stroudsburg
Split Rock Pond
Midland Park
Scarsdale
New Milford
West Wharton
Boonton 1 SE
Paterson
Little Falls
Cedar Grove
NORTHERN
Belvidere
Morris Plains 1 W
Essex Fells Serv Bldg
Palmerton
Long Valley
NY Central Park WB
NY WB AP La Guardia
Canoe Brook
Bernardsville 2 E
Jersey City
NY Laurel Hill
Newark WB AP
Phillipsburg Bridge
Phillipsburg
Springfield
Oldwick
Watchung
Elizabeth
Hempstead Garden City
Allentown WB AP
Clinton
Bethlehem Lehigh U
Plainfield
Rahway
NY Ave V Brooklyn
Somerville
NY Westerleigh Stat Is
Bound Brook 2 W
Flemington 1 NE
Manville
Blackwells Mills
Rutgers Micro-Met Sta
G
Wertsville
New Brunswick Exp Sta
Quakertown
New Monmouth
Lambertville
Princeton Wtr Wks
Marlboro SCS
Doylestown
Long Branch 2 N
Hightstown 1 N
Freehold
Graterford 1 E
George School
Trenton WB City
Neshaminy Falls
Belmar 2 SW
Phoenixville 1 E
Norristown
Conshohocken
Devault 1 W
Burlington
Moorestown
Lumberton
Pennsauken
Pemberton 3 E
Toms River
Marlton 1 W
Philadelphia WB AP
Audubon
SOUTHERN
Marcus Hook
Chatsworth
Indian Mills 2 W
Wilmington Porter Res
Glassboro
Wilmington NCastle WB AP
Woodstown
Hammonton 2 NNE
Bass River St Forest
Tuckerton
Centerton
Canton
Shiloh
Seabrook Farms
Atlantic City WB AP
Mays Landing 1 W
Millville
Atlantic City
Millville FAA Airport
Belleplain St Forest
Fortescue
COASTAL
Dover
Cape May 3 W
Milford 2 WSW
STATION LEGEND
○ ● ◑ Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording ◑ Both types
G Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 ½° AND 45 ½°
USCOMM-ESSA-Asheville, N.C.
Revised 8-67

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C. R. SMITH, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
FEBRUARY 1968
Volume 73 No. 2

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 37.2 | 16.1 | 26.7 | - 4.6 | 50 | 29 | 3 | 21 | 1104 | 0 | 7 | 27 | 0 | .99 | - 2.13 | .95 | 3 | .2 | T | 10+ | 1 | 1 | 0 |
| BOONTON 1 SE | 35.3 | 16.4 | 25.9 | - 3.6 | 47 | 29 | 4 | 21 | 1127 | 0 | 7 | 28 | 0 | 1.02 | - 1.71 | .99 | 3 | T | T | 13+ | 1 | 1 | 0 |
| CANOE BROOK | 37.3 | 15.1 | 26.2 | - 3.4 | 47 | 29+ | 3 | 21 | 1120 | 0 | 7 | 29 | 0 | .84 | - 2.12 | .82 | 3 | T | 0 | | 1 | 1 | 0 |
| CHARLOTTEBURG | 32.0 | 14.1 | 23.1 | - 6.0 | 45 | 29 | - 1 | 22+ | 1208 | 0 | 11 | 29 | 2 | .88 | - 2.29 | .76 | 3 | .8 | T | 13+ | 1 | 1 | 0 |
| ELIZABETH | 39.6 | 19.6 | 29.6 | - 3.7 | 50 | 2 | 5 | 21 | 1019 | 0 | 5 | 25 | 0 | 1.01 | - 2.27 | .55 | 3 | | | | 3 | 1 | 0 |
| ESSEX FELLS SERV BLDG | 35.2 | 16.4 | 25.8 | | 45 | 28+ | 3 | 21 | 1132 | 0 | 7 | 29 | 0 | .92 | | .92 | 3 | .0 | 0 | | 1 | 1 | 0 |
| FLEMINGTON 1 NE | 36.5 | 14.4 | 25.5 | - 6.8 | 50 | 29 | 1 | 22 | 1139 | 0 | 7 | 29 | 0 | .72 | - 2.06 | .64 | 3 | .5 | 1 | 14+ | 1 | 1 | 0 |
| HIGH POINT PARK | 30.2 | 8.7M | 19.5M | | 42 | 4+ | -18 | 11 | 1323 | 0 | 16 | 29 | 7 | .42 | | .24 | 3 | .5 | 1 | 10 | 1 | 0 | 0 |
| JERSEY CITY | 36.4 | 21.6 | 29.0 | - 3.7 | 47 | 2 | 6 | 21 | 1037 | 0 | 7 | 26 | 0 | .58 | - 2.32 | .51 | 2 | T | 0 | | 1 | 1 | 0 |
| LAMBERTVILLE | 39.6 | 19.7 | 29.7 | - 2.8 | 52 | 28 | 6 | 21 | 1019 | 0 | 5 | 27 | 0 | 1.13 | - 1.59 | .42 | 3 | .5 | T | 20+ | 3 | 0 | 0 |
| LAYTON 2 | 33.8 | 11.7 | 22.8 | | 47 | 29 | - 2 | 22 | 1220 | 0 | 8 | 29 | 1 | .50 | | .41 | 3 | 1.1 | 2 | 14+ | 1 | 0 | 0 |
| LITTLE FALLS | 37.3 | 19.3 | 28.3 | - 3.4 | 48 | 29 | 5 | 21 | 1057 | 0 | 7 | 28 | 0 | .91 | - 2.16 | .90 | 3 | .2 | T | 13 | 1 | 1 | 0 |
| LONG VALLEY | 35.0 | 14.4 | 24.7 | | 48 | 29 | - 1 | 22 | 1162 | 0 | 7 | 29 | 2 | .80 | - 2.22 | .72 | 3 | 1.0 | 0 | | 1 | 1 | 0 |
| MORRIS PLAINS 1 W | 35.3 | 14.8 | 25.1 | | 47 | 29 | - 4 | 21 | 1151 | 0 | 7 | 29 | 2 | .94 | | .90 | 3 | .2 | 2 | 10 | 1 | 1 | 0 |
| NEWARK WB AIRPORT R | 37.9 | 21.9 | 29.9 | - 2.8 | 49 | 2 | 7 | 21 | 1012 | 0 | 6 | 25 | 0 | 1.22 | - 1.58 | .69 | 2 | .6 | T | 13+ | 2 | 1 | 0 |
| NEWTON | 32.9 | 14.3 | 23.6 | - 4.5 | 47 | 29 | 2 | 21 | 1192 | 0 | 10 | 29 | 0 | .66 | - 1.91 | .59 | 3 | 1.0 | 1 | 10 | 1 | 1 | 0 |
| PATERSON | 37.3 | 20.1 | 28.7 | - 3.4 | 48 | 28 | 5 | 21 | 1043 | 0 | 6 | 28 | 0 | .85 | - 2.30 | .85 | 3 | T | 0 | | 1 | 1 | 0 |
| PHILLIPSBURG | 40.2 | 19.0 | 29.6 | - 1.8 | 51 | 29 | 5 | 21 | 1019 | 0 | 5 | 27 | 0 | .86 | - 2.20 | .68 | 3 | T | T | 10 | 2 | 1 | 0 |
| PLAINFIELD | 38.1 | 19.4 | 28.8 | - 3.7 | 48 | 28+ | 5 | 21 | 1043 | 0 | 7 | 27 | 0 | 1.31 | - 1.71 | .53 | 29 | .2 | 0 | | 3 | 1 | 0 |
| SOMERVILLE | 38.3 | 18.1 | 28.2 | - 3.8 | 50 | 28 | 4 | 21 | 1060 | 0 | 6 | 27 | 0 | 1.04 | - 1.71 | .40 | 3 | T | 0 | | 3 | 0 | 0 |
| SUSSEX 1 SE | 33.4 | 10.2 | 21.8 | - 7.1 | 44 | 29 | - 3 | 18 | 1247 | 0 | 10 | 29 | 5 | 2.95 | .23 | 2.90 | 3 | | | | 1 | 1 | 1 |
| DIVISION | | | 26.3 | - 4.6 | | | | | | | | | | .98 | - 1.94 | | | .4 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 36.4 | 17.7 | 27.1 | - 7.6 | 50 | 17 | 2 | 22 | 1094 | 0 | 7 | 27 | 0 | 1.69 | - 1.44 | .82 | 29 | 4.2 | 1 | 21+ | 2 | 2 | 0 |
| AUDUBON | 41.3 | 21.5 | 31.4 | | 54 | 28 | 7 | 21 | 967 | 0 | 5 | 26 | 0 | .74 | | .54 | 2 | 1.0 | 1 | 29 | 2 | 1 | 0 |
| BELLEPLAIN ST FOREST | 41.6 | 18.7 | 30.2 | | 52 | 17+ | - 1 | 22 | 1004 | 0 | 4 | 26 | 1 | 1.87 | - 1.31 | .75 | 10 | | T | 21+ | 5 | 2 | 0 |
| BURLINGTON | 40.1M | 22.8M | 31.5M | - 3.4 | 51 | 28 | 4 | 11 | 971 | 0 | | | 0 | .94 | - 1.96 | .38 | 3 | | | | 3 | 0 | 0 |
| CHATSWORTH | 40.6 | 15.8M | 28.2M | | 52 | 3 | 1 | 21 | 1065 | 0 | 4 | 27 | 0 | 1.44 | | .80 | 3 | | | | 4 | 1 | 0 |
| FREEHOLD | 37.7 | 18.3 | 28.0 | - 5.0 | 54 | 3 | 4 | 21 | 1066 | 0 | 7 | 29 | 0 | .99 | - 2.15 | .84 | 3 | .5 | T | 10 | 2 | 1 | 0 |
| GLASSBORO | 37.3M | 18.5M | 27.9M | | 48 | 3+ | 6 | 21 | 1072 | 0 | 6 | | 0 | .69 | | .58 | 2 | .2 | T | 21+ | 1 | 1 | 0 |
| HAMMONTON 2 NNE | 40.9 | 20.3 | 30.6 | - 3.9 | 54 | 3 | 4 | 21 | 991 | 0 | 6 | 26 | 0 | .99 | - 2.26 | .84 | 3 | .5 | 0 | | 2 | 1 | 0 |
| HIGHTSTOWN 1 N | 38.6 | 19.8 | 29.2 | - 3.7 | 52 | 2 | 6 | 21 | 1030 | 0 | 6 | 27 | 0 | .91 | - 1.82 | .49 | 3 | 1.0 | 1 | 10 | 3 | 0 | 0 |
| INDIAN MILLS 2 W | 39.3 | 17.3 | 28.3 | - 5.5 | 51 | 3 | 1 | 22+ | 1058 | 0 | 6 | 28 | 0 | 1.35 | - 1.76 | .70 | 3 | 2.4 | T | 29+ | 3 | 1 | 0 |
| MILLVILLE | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | 39.3 | 20.4 | 29.9 | | 50 | 2 | 5 | 22 | 1011 | 0 | 6 | 26 | 0 | 1.24 | | .67 | 29 | 3.4 | 1 | 21 | 3 | 1 | 0 |
| MOORESTOWN | 38.6 | 20.3 | 29.5 | - 3.9 | 50 | 28+ | 6 | 21 | 1024 | 0 | 6 | 27 | 0 | .54 | - 2.19 | .50 | 3 | T | T | 21 | 1 | 1 | 0 |
| NEW BRUNSWICK EXP STA | 38.9 | 21.1 | 30.0 | - 2.8 | 50 | 3+ | 7 | 21 | 1008 | 0 | 5 | 26 | 0 | .95 | - 1.82 | .55 | 3 | T | 0 | | 3 | 1 | 0 |
| NEW MONMOUTH | 38.9 | 23.8M | 31.4M | | 55 | 2 | 9 | 11 | 968 | 0 | 6 | 24 | 0 | .94 | | .72 | 3 | T | 0 | | 2 | 1 | 0 |
| PEMBERTON 3 E | 40.0 | 18.2 | 29.1 | - 5.2 | 51 | 2 | 4 | 22+ | 1033 | 0 | 5 | 27 | 0 | 1.36 | - 1.52 | .79 | 3 | 1.5 | 1 | 10 | 3 | 1 | 0 |
| SEABROOK FARMS | 38.8 | 20.8 | 29.8 | | 50 | 29+ | 5 | 21 | 1014 | 0 | 7 | 26 | 0 | .82 | | .70 | 3 | | 0 | | 1 | 1 | 0 |
| SHILOH | 41.0 | 21.5 | 31.3 | - 3.6 | 50 | 17 | 5 | 22 | 971 | 0 | 4 | 26 | 0 | 1.13 | - 1.76 | .66 | 3 | | | | 3 | 1 | 0 |
| TOMS RIVER | 39.1 | 17.7 | 28.4 | | 57 | 1 | 3 | 21 | 1052 | 0 | 7 | 27 | 0 | .94 | | .87 | 3 | .5 | 0 | | 1 | 1 | 0 |
| TRENTON WB CITY R | 38.0 | 23.0 | 30.5 | - 2.9 | 49 | 28+ | 8 | 21 | 994 | 0 | 6 | 25 | 0 | 1.15 | - 1.44 | .60 | 29 | 2.4 | T | 13+ | 2 | 2 | 0 |
| TUCKERTON | 39.6 | 18.6 | 29.1 | | 52 | 17 | 3 | 21+ | 1035 | 0 | 6 | 27 | 0 | 1.52 | | .68 | 3 | 2.4 | T | 22+ | 3 | 2 | 0 |
| WOODSTOWN | 40.7 | 19.7 | 30.2 | | 50 | 28 | 5 | 21 | 1005 | 0 | 4 | 26 | 0 | 1.42 | | .43 | 3 | 5.0 | 4 | 21 | 4 | 0 | 0 |
| DIVISION | | | 29.6 | - 4.1 | | | | | | | | | | 1.12 | - 1.87 | | | 1.6 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 39.5 | 25.4 | 32.5 | - 3.2 | 52 | 17 | 11 | 21 | 937 | 0 | 7 | 24 | 0 | 1.41 | - 1.97 | .74 | 2 | | | | 2 | 2 | 0 |
| CAPE MAY 3 W | 40.1 | 25.7 | 32.9 | | 50 | 3 | 12 | 21 | 923 | 0 | 3 | 23 | 0 | .94 | | .63 | 3 | 1.0 | 1 | 21 | 2 | 1 | 0 |
| LONG BRANCH 2 N | 37.2 | 21.9 | 29.6 | - 3.4 | 49 | 3 | 7 | 21 | 1019 | 0 | 6 | 26 | 0 | 1.08 | - 2.46 | .49 | 3 | .9 | 1 | 11+ | 3 | 0 | 0 |
| DIVISION | | | 31.7 | - 2.6 | | | | | | | | | | 1.14 | - 1.98 | | | 1.0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>TOMS RIVER | 57 | DATE | 01 |
| LOWEST TEMPERATURE<br>HIGH POINT PARK | - 18 | DATE | 11 |
| GREATEST TOTAL PRECIPITATION<br>SUSSEX 1 SE | 2.95 | | |
| LEAST TOTAL PRECIPITATION<br>PHILLIPSBURG BRIDGE | .01 | | |
| GREATEST 1 DAY PRECIPITATION<br>SUSSEX 1 SE | 2.90 | DATE | 03 |
| GREATEST TOTAL SNOWFALL<br>WOODSTOWN | 5.0 | | |
| GREATEST DEPTH OF SNOW<br>3 STATIONS | 4 | DATE | 21+ |

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 10

THE LIBRARY OF THE
APR 16 1968
UNIVERSITY OF ILLINOIS

# DAILY PRECIPITATION

NEW JERSEY
FEBRUARY 1968

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BELVIDERE | .99 | T | .02 | .95 | T | T |  |  |  |  | .02 |  |  | T | T |  | T |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BERNARDSVILLE 2 E | 1.00 |  | .03 | .96 |  |  |  |  |  |  | .01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BLACKWELLS MILLS | .62 |  | .02 | .60 |  |  |  |  |  |  | T |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BOONTON 1 SE | 1.02 | T | .03 | .99 | T | T |  |  |  |  | T |  |  | T | T |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BOUND BROOK 2 W | .69 | T | T | .69 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BRANCHVILLE | .59 |  | .04 | .54 |  |  |  |  |  |  | .01 |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CANISTEAR RESERVOIR | .71 | T | .03 | .65 | T |  |  |  |  |  | .03 |  |  | T |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CANOE BROOK | .84 | T | T | .82 | T |  |  |  |  |  | .02 |  |  | T |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CEDAR GROVE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |  |
| CHARLOTTEBURG | .88 |  | .09 | .76 | T | T |  |  |  |  | .02 |  |  | .01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CLINTON | .82 | .14 | .18 | .47 |  |  |  |  |  |  | .03 |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ELIZABETH | 1.01 | .03 | .17 | .55 | .01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .25 |  |  |
| ESSEX FELLS SERV BLDG | .92 |  | T | .92 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FLEMINGTON 1 NE | .72 | .02 | .05 | .64 | T |  |  |  |  |  | .01 |  |  | T | T |  | T |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |
| GREENWOOD LAKE | .84 | T | .08 | .70 |  |  |  |  |  |  | .02 | T |  | .02 | .02 |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HIGH POINT PARK | .42 |  | .05 | .24 | .08 |  |  |  |  | T | .05 |  | T | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JERSEY CITY | .58 | .02 | .51 |  |  |  |  |  |  |  | .02 |  | T |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  | .03 |  |  |
| LAMBERTVILLE | 1.13 | .02 | .29 | .42 |  |  |  |  |  |  | .05 |  |  | T |  |  |  | T |  |  | T |  |  |  |  |  |  |  |  | .35 |  |  |
| LAYTON 2 | .50 |  | .03 | .41 | T | .02 |  |  |  |  | .02 | T |  | T | .02 |  | T |  | T |  |  | T |  |  | T |  |  |  |  |  |  |  |
| LITTLE FALLS | .91 | T | .01 | .90 |  |  |  |  |  |  | T |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LONG VALLEY | .80 |  | .05 | .72 |  |  |  |  |  |  | .03 |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAHWAH | .86 |  | .05 | .80 |  |  |  |  |  |  | .01 |  |  | T | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MANVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |  |
| MIDLAND PARK | 1.57 | .07 | 1.23 |  |  |  |  |  |  | T | T |  |  | .01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .26 |  |  |
| MILTON | .93 |  | .06 | .70 |  |  |  |  |  |  | .15 |  |  | .02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MORRIS PLAINS 1 W | .94 | T | .04 | .90 | T | T |  |  |  |  | T |  |  | T | T |  |  |  | T |  |  | T |  |  |  |  |  |  |  |  |  |  |
| NEWARK WB AIRPORT R | 1.22 | .02 | .69 | T | T |  |  |  |  | T | .04 |  | T | .01 |  |  |  | T |  |  | T |  |  |  |  |  |  |  |  | .46 |  |  |
| NEW MILFORD | 1.25 | .05 | .60 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .60 |  |  |
| NEWTON | .66 |  | .03 | .59 |  | T |  |  |  |  | .04 |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| OAK RIDGE RESERVOIR | .84 | .04 | .02 | .59 | .02 | .03 |  |  |  |  | .08 |  |  | .02 | .04 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| OLDWICK | .78 | T | T | .74 |  |  |  |  |  |  | .04 |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PATERSON | .85 | T | T | .85 | T |  |  |  |  |  | T |  |  | T | T |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PHILLIPSBURG | .86 |  | .16 | .68 |  |  |  |  |  |  | .02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |
| PHILLIPSBURG BRIDGE | .01 |  |  |  |  |  |  |  |  |  | .01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PLAINFIELD | 1.31 | T | .46 | .30 | T |  |  |  |  |  | .02 |  | T | T |  |  |  | T |  |  | T |  |  |  |  |  |  |  |  | .53 |  |  |
| RAHWAY | 1.44 | T | .64 |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .80 |  |  |
| RINGWOOD | .83 | T | .04 | .79 |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SOMERVILLE | 1.04 | .02 | .26 | .40 |  |  |  |  |  |  | T | T |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .36 |  |  |
| SPLIT ROCK POND | .85 |  | .04 | .80 |  |  |  |  |  |  | .01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SUSSEX 1 SE | 2.95 |  | .04 | 2.90 | T |  |  |  |  |  | .01 |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WANAQUE RAYMOND DAM | .86 | T | .05 | .80 |  |  |  |  |  |  | T | T |  | .01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WERTSVILLE | .69 | .02 | .04 | .63 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | T |  |  | T |  |  |  |  |  |  |  |  |  |  |
| WEST WHARTON | .76 | T | .04 | .71 |  |  |  |  |  |  | .01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WOODCLIFF LAKE | 1.30 |  | .80 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .50 |  |  |
| * * * SOUTHERN 02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY WB AP | 1.69 | .02 | .75 | T |  |  |  | T | .02 | T | .06 |  |  | T |  |  |  |  |  |  | .02 | T |  |  |  |  |  |  |  | .82 |  |  |
| AUDUBON | .74 | T | .54 | T |  |  |  |  |  | T |  |  |  | T |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  | .20 |  |  |
| BASS RIVER ST FOREST | .87 | .04 | .04 | .70 |  |  |  |  |  |  |  |  |  | .06 |  |  |  |  |  |  |  | .03 |  |  |  |  |  |  |  |  |  |  |
| BELLEPLAIN ST FOREST | 1.87 | T | .14 | .68 |  |  |  |  |  |  | .75 |  |  | T |  |  |  |  |  |  |  | .15 |  |  |  |  |  |  |  | .15 |  |  |
| BURLINGTON | .94 | T | .21 | .38 |  |  |  |  |  |  | T |  |  | T |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  | .35 |  |  |
| CANTON | .75 |  | .07 | .68 |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |
| CHATSWORTH | 1.44 |  | .19 | .80 |  |  |  |  |  |  | .15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .30 |  |  |
| FORTESCUE | .80 |  |  | .80 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FREEHOLD | .99 |  | .03 | .84 |  |  |  |  |  |  | .12 |  |  |  |  |  |  |  | T |  | T |  |  |  |  |  |  |  |  |  |  |  |
| GLASSBORO | .69 | .01 | .58 |  |  |  |  |  |  |  | .05 |  |  |  |  |  |  |  |  |  |  | .05 |  |  |  |  |  |  |  |  |  |  |
| HAMMONTON 2 NNE | .99 |  | .02 | .84 |  |  |  |  |  |  | .10 |  |  |  |  |  |  |  |  |  |  | .03 |  |  |  |  |  |  |  |  |  |  |
| HIGHTSTOWN 1 N | .91 | T | .12 | .49 | T |  |  |  |  |  | .05 |  | T | T |  |  | T | T |  |  | T |  |  |  |  |  |  |  |  | .25 |  |  |
| INDIAN MILLS 2 W | 1.35 | T | .24 | .70 |  |  |  |  |  |  | .09 |  |  | T |  |  |  |  |  |  | T | .04 |  |  |  |  |  |  |  | .28 |  |  |
| MAYS LANDING 1 W | 1.20 | T | .01 | 1.05 |  |  |  |  |  |  | .07 |  |  |  |  |  |  |  |  |  |  | .07 |  |  |  |  |  |  |  |  |  |  |
| MILLVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |  |
| MILLVILLE FAA AIRPORT | 1.24 | .01 | .42 | T |  |  |  |  |  |  | .04 |  |  | T |  |  |  |  |  |  | .10 | T |  |  |  |  |  |  |  | .67 |  |  |
| MOORESTOWN | .54 | T | .02 | .50 |  |  |  |  |  |  | .02 |  |  | T | T |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |
| NEW BRUNSWICK EXP STA | .95 |  | .10 | .55 |  |  |  |  |  |  | .05 |  |  |  |  |  |  | T |  |  | T |  |  |  |  |  |  |  |  | .25 |  |  |
| NEW MONMOUTH | .94 | .02 | .03 | .72 |  |  |  |  |  |  | T |  | T |  | .01 |  |  | T |  |  |  |  |  |  |  |  |  |  |  | .16 |  |  |
| PEMBERTON 3 E | 1.36 | .04 | .12 | .79 |  |  |  |  |  |  | .06 |  |  |  |  |  |  |  |  |  |  | .04 |  |  |  |  |  |  |  | .31 |  |  |
| PENNSAUKEN | .60 | .01 | .03 | .56 |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  | T |  |  |
| PRINCETON WATER WORKS | 1.24 | T | .54 |  |  |  |  |  |  |  | .02 |  |  |  |  | T |  |  |  |  | T |  |  |  |  |  |  |  |  | .68 |  |  |
| SEABROOK FARMS | .82 | T | .01 | .70 |  |  |  |  |  |  | .05 |  |  |  | T |  |  |  |  |  |  | .06 |  |  |  |  |  |  |  |  |  |  |
| SHILOH | 1.13 |  | .15 | .66 |  |  |  |  |  |  | .05 |  |  |  |  |  |  |  |  |  |  | .08 |  |  |  |  |  |  |  | .19 |  |  |
| TOMS RIVER | .94 |  | .05 | .87 |  |  |  |  |  |  | .01 |  |  |  |  |  |  |  |  |  |  | .01 |  |  |  |  |  |  |  |  |  |  |
| TRENTON WB CITY R | 1.15 | T | .52 |  |  |  |  |  |  | T | .03 |  |  | T |  |  |  | T |  |  | T |  |  |  |  |  |  |  |  | .60 |  |  |
| TUCKERTON | 1.52 | .04 | .16 | .68 |  |  |  |  | T |  | .07 | T |  | .01 |  |  |  | T |  |  | T | .04 |  |  |  |  |  |  |  | .52 |  |  |
| WOODSTOWN | 1.42 | .02 | .28 | .43 |  |  |  |  |  |  | .05 |  |  | T |  | .05 |  |  |  | T |  | .40 |  |  |  |  |  |  |  | .19 |  |  |
| * * * COASTAL 03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY R | 1.41 |  | .74 | .03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .64 |  |  |
| BELMAR 2 SW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |  |
| CAPE MAY 3 W | .94 | .03 | .06 | .63 |  |  |  |  | .02 | .04 | .03 |  |  |  |  |  |  |  |  |  |  | .02 |  |  |  |  |  |  |  | .11 |  |  |
| LONG BRANCH 2 N | 1.08 | .03 | .17 | .49 |  |  |  |  |  |  | .07 |  | T | T |  |  |  | T |  |  | T | T |  |  |  |  |  |  |  | .32 |  |  |

## SPECIAL WEATHER SUMMARY

February was very cold and very dry throughout the Garden State. This was the fifth month of the past 6 with below normal temperature and precipitation in most areas of New Jersey. Only December was warmer and wetter than normal.

Rain on the 2d and a snowstorm which started on the 29th and continued into March 1 provided the only significant precipitation for the month. New Brunswick reported 26 consecutive days without any measurable precipitation, a new record for prolonged dry spells at that station.

Donald V. Dunlap
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Department of Meteorology

College of Agriculture & Environmental Science
Rutgers - The State University
New Brunswick, New Jersey 08903

See Reference Notes Following Station Index

# DAILY TEMPERATURES

NEW JERSEY
FEBRUARY 1968

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 42 | 40 | 41 | 40 | 36 | 43 | 44 | 44 | 38 | 41 | 18 | 20 | 27 | 28 | 37 | 40 | 35 | 43 | 32 | 37 | 36 | 22 | 29 | 42 | 39 | 44 | 45 | 45 | 50 | | | 37.2 |
| | MIN | 31 | 33 | 33 | 29 | 26 | 19 | 20 | 23 | 24 | 10 | 5 | 8 | 15 | 10 | 18 | 13 | 14 | 12 | 15 | 18 | 3 | 4 | 7 | 10 | 9 | 15 | 12 | 14 | 18 | | | 16.1 |
| BOONTON 1 SE | MAX | 42 | 35 | 46 | 40 | 35 | 39 | 42 | 43 | 37 | 39 | 18 | 19 | 25 | 19 | 34 | 37 | 37 | 43 | 29 | 33 | 36 | 20 | 28 | 37 | 35 | 42 | 43 | 44 | 47 | | | 35.3 |
| | MIN | 28 | 30 | 33 | 31 | 20 | 20 | 23 | 24 | 20 | 11 | 6 | 7 | 15 | 11 | 17 | 16 | 17 | 9 | 11 | 19 | 4 | 5 | 10 | 8 | 12 | 14 | 14 | 18 | 24 | | | 16.4 |
| CANOE BROOK | MAX | 44 | 36 | 46 | 43 | 37 | 42 | 45 | 43 | 39 | 41 | 21 | 21 | 27 | 21 | 37 | 41 | 37 | 46 | 32 | 36 | 39 | 23 | 30 | 40 | 34 | 43 | 45 | 47 | 47 | | | 37.3 |
| | MIN | 29 | 30 | 30 | 32 | 21 | 18 | 21 | 24 | 20 | 11 | 6 | 9 | 13 | 11 | 15 | 13 | 17 | 9 | 11 | 16 | 3 | 5 | 4 | 5 | 12 | 9 | 9 | 15 | 20 | | | 15.1 |
| CHARLOTTEBURG | MAX | 37 | 33 | 44 | 37 | 31 | 37 | 40 | 30 | 35 | 37 | 15 | 15 | 22 | 16 | 33 | 34 | 33 | 41 | 27 | 30 | 31 | 16 | 20 | 34 | 33 | 41 | 40 | 42 | 45 | | | 32.0 |
| | MIN | 28 | 28 | 32 | 28 | 20 | 23 | 26 | 19 | 19 | 10 | 2 | 2 | 12 | 12 | 10 | 15 | 15 | 8 | 9 | 15 | -1 | -1 | 6 | 7 | 8 | 15 | 12 | 12 | 18 | | | 14.1 |
| ELIZABETH | MAX | 44 | 50 | 48 | 40 | 44 | 44 | 43 | 39 | 41 | 42 | 40 | 28 | 27 | 38 | 40 | 38 | 48 | 32 | 35 | 38 | 29 | 28 | 40 | 37 | 42 | 45 | 45 | 45 | 39 | | | 39.6 |
| | MIN | 33 | 36 | 34 | 31 | 22 | 21 | 25 | 26 | 23 | 13 | 8 | 12 | 18 | 15 | 21 | 17 | 22 | 12 | 16 | 14 | 5 | 8 | 19 | 16 | 15 | 16 | 17 | 21 | 33 | | | 19.6 |
| ESSEX FELLS SERV BLDG | MAX | 41 | 35 | 45 | 40 | 34 | 40 | 42 | 41 | 36 | 40 | 18 | 18 | 25 | 18 | 35 | 38 | 36 | 38 | 30 | 35 | 37 | 22 | 29 | 40 | 35 | 40 | 45 | 45 | 43 | | | 35.2 |
| | MIN | 29 | 31 | 31 | 30 | 20 | 20 | 20 | 23 | 21 | 12 | 5 | 6 | 14 | 11 | 18 | 15 | 18 | 10 | 13 | 18 | 3 | 6 | 10 | 10 | 13 | 12 | 15 | 18 | 23 | | | 16.4 |
| FLEMINGTON 1 NE | MAX | 40 | 35 | 46 | 42 | 37 | 42 | 43 | 43 | 38 | 42 | 18 | 20 | 27 | 20 | 36 | 40 | 38 | 37 | 32 | 36 | 40 | 20 | 29 | 39 | 35 | 43 | 43 | 47 | 50 | | | 36.5 |
| | MIN | 30 | 30 | 31 | 27 | 19 | 15 | 16 | 19 | 22 | 12 | 6 | 4 | 15 | 19 | 15 | 8 | 18 | 9 | 9 | 15 | 4 | 1 | 6 | 10 | 10 | 15 | 8 | 8 | 17 | | | 14.4 |
| HIGH POINT PARK | MAX | 32 | 37 | 42 | 42 | 28 | 34 | 35 | 38 | 29 | 22 | 4 | 23 | 22 | 21 | 29 | 32 | 29 | 31 | 36 | 34 | 28 | 12 | 24 | 25 | 34 | 37 | 38 | 38 | 40 | | | 30.2 |
| | MIN | 26 | 24 | 26 | | 15 | 16 | 17 | 17 | 13 | 2 | -18 | -3 | 0 | 2 | 15 | 7 | 22 | -15 | 3 | 14 | -6 | -2 | 7 | 2 | -12 | 5 | 16 | 24 | 26 | | | 8.7 |
| JERSEY CITY | MAX | 39 | 47 | 46 | 37 | 41 | 44 | 41 | 35 | 41 | 28 | 21 | 26 | 20 | 36 | 40 | 38 | 44 | 31 | 35 | 40 | 21 | 29 | 39 | 34 | 40 | 43 | 41 | 41 | 37 | | | 36.4 |
| | MIN | 33 | 36 | 33 | 27 | 27 | 28 | 28 | 23 | 23 | 13 | 10 | 17 | 12 | 13 | 26 | 21 | 18 | 15 | 22 | 15 | 6 | 10 | 22 | 16 | 25 | 21 | 26 | 29 | 31 | | | 21.6 |
| LAMBERTVILLE | MAX | 38 | 47 | 47 | 40 | 44 | 46 | 43 | 39 | 42 | 36 | 23 | 26 | 25 | 38 | 42 | 39 | 46 | 34 | 38 | 40 | 26 | 32 | 41 | 39 | 45 | 47 | 48 | 52 | 43 | | | 39.6 |
| | MIN | 31 | 35 | 33 | 31 | 24 | 16 | 22 | 30 | 25 | 13 | 9 | 14 | 14 | 19 | 23 | 19 | 25 | 13 | 20 | 21 | 6 | 8 | 21 | 11 | 15 | 13 | 13 | 19 | 28 | | | 19.7 |
| LAYTON 2 | MAX | 39 | 34 | 40 | 38 | 33 | 38 | 41 | 43 | 33 | 39 | 17 | 18 | 24 | 21 | 35 | 38 | 35 | 41 | 29 | 33 | 31 | 12 | 28 | 36 | 34 | 41 | 41 | 42 | 47 | | | 33.8 |
| | MIN | 27 | 30 | 30 | 30 | 15 | 13 | 13 | 18 | 20 | 8 | 1 | 8 | 6 | 7 | 8 | 9 | 10 | 5 | 10 | 14 | 1 | -2 | 4 | 4 | 4 | 8 | 9 | 11 | 19 | | | 11.7 |
| LITTLE FALLS | MAX | 44 | 37 | 46 | 42 | 36 | 42 | 46 | 43 | 37 | 42 | 20 | 21 | 27 | 22 | 37 | 39 | 40 | 47 | 32 | 36 | 38 | 21 | 32 | 39 | 36 | 42 | 45 | 46 | 48 | | | 37.3 |
| | MIN | 30 | 32 | 34 | 31 | 22 | 25 | 26 | 24 | 23 | 14 | 7 | 8 | 16 | 13 | 18 | 17 | 22 | 15 | 18 | 22 | 5 | 7 | 12 | 12 | 16 | 19 | 18 | 22 | 31 | | | 19.3 |
| LONG VALLEY | MAX | 42 | 34 | 45 | 39 | 34 | 40 | 41 | 42 | 35 | 39 | 17 | 18 | 25 | 18 | 35 | 38 | 35 | 42 | 30 | 34 | 36 | 21 | 28 | 37 | 34 | 41 | 42 | 44 | 48 | | | 35.0 |
| | MIN | 30 | 30 | 32 | 28 | 20 | 22 | 24 | 25 | 25 | 8 | 2 | 6 | 11 | 9 | 13 | 12 | 12 | 6 | 11 | 12 | 0 | -1 | 15 | 8 | 10 | 18 | 8 | 10 | 15 | | | 14.4 |
| MORRIS PLAINS 1 W | MAX | 41 | 34 | 45 | 40 | 33 | 39 | 41 | 42 | 37 | 40 | 19 | 18 | 25 | 19 | 35 | 38 | 36 | 43 | 30 | 35 | 36 | 25 | 22 | 38 | 35 | 42 | 43 | 45 | 47 | | | 35.3 |
| | MIN | 29 | 30 | 32 | 31 | 20 | 20 | 19 | 23 | 21 | 11 | 5 | 5 | 13 | 10 | 16 | 13 | 13 | 8 | 8 | 17 | -4 | -2 | 8 | 10 | 11 | 17 | 12 | 13 | 21 | | | 14.2 |
| NEWARK WB AIRPORT | MAX | 40 | 49 | 45 | 38 | 42 | 44 | 44 | 39 | 41 | 35 | 22 | 28 | 22 | 36 | 40 | 37 | 47 | 32 | 35 | 39 | 24 | 30 | 39 | 36 | 43 | 44 | 45 | 43 | 39 | | | 37.9 |
| | MIN | 34 | 37 | 34 | 28 | 28 | 26 | 30 | 26 | 25 | 13 | 10 | 15 | 16 | 19 | 23 | 20 | 18 | 15 | 21 | 14 | 7 | 10 | 21 | 17 | 21 | 22 | 25 | 28 | 33 | | | 21.9 |
| NEWTON | MAX | 37 | 35 | 43 | 38 | 32 | 36 | 41 | 39 | 34 | 37 | 11 | 17 | 23 | 18 | 34 | 36 | 34 | 42 | 28 | 32 | 32 | 17 | 23 | 35 | 33 | 39 | 41 | 41 | 47 | | | 32.9 |
| | MIN | 27 | 30 | 31 | 30 | 19 | 14 | 18 | 20 | 20 | 8 | 4 | 4 | 12 | 8 | 16 | 15 | 16 | 10 | 10 | 16 | 2 | 4 | 8 | 8 | 10 | 12 | 10 | 12 | 20 | | | 14.3 |
| PATERSON | MAX | 45 | 39 | 47 | 43 | 38 | 43 | 43 | 42 | 37 | 42 | 22 | 21 | 26 | 25 | 36 | 40 | 36 | 46 | 28 | 35 | 40 | 22 | 33 | 40 | 34 | 40 | 45 | 48 | 47 | | | 37.8 |
| | MIN | 32 | 30 | 35 | 30 | 25 | 26 | 30 | 23 | 22 | 13 | 7 | 9 | 15 | 13 | 18 | 19 | 23 | 12 | 17 | 19 | 5 | 8 | 12 | 18 | 20 | 22 | 25 | 25 | 30 | | | 20.1 |
| PHILLIPSBURG | MAX | 41 | 44 | 48 | 46 | 44 | 44 | 45 | 44 | 43 | 38 | 21 | 28 | 26 | 37 | 41 | 39 | 46 | 35 | 37 | 38 | 31 | 31 | 40 | 40 | 44 | 47 | 47 | 50 | 51 | | | 40.2 |
| | MIN | 31 | 34 | 34 | 30 | 26 | 20 | 23 | 27 | 25 | 11 | 7 | 13 | 12 | 17 | 23 | 18 | 15 | 13 | 16 | 25 | 5 | 8 | 21 | 13 | 13 | 15 | 12 | 17 | 28 | | | 19.0 |
| PLAINFIELD | MAX | 38 | 48 | 42 | 38 | 42 | 43 | 43 | 39 | 42 | 31 | 21 | 28 | 21 | 37 | 41 | 38 | 48 | 32 | 36 | 40 | 24 | 31 | 40 | 37 | 44 | 46 | 48 | 48 | 38 | | | 38.1 |
| | MIN | 31 | 35 | 33 | 29 | 22 | 20 | 25 | 27 | 25 | 15 | 8 | 10 | 16 | 16 | 17 | 17 | 21 | 10 | 16 | 24 | 5 | 7 | 19 | 13 | 19 | 16 | 15 | 21 | 30 | | | 19.4 |
| SOMERVILLE | MAX | 37 | 48 | 47 | 38 | 42 | 42 | 44 | 38 | 42 | 35 | 20 | 27 | 22 | 36 | 40 | 38 | 47 | 32 | 36 | 41 | 24 | 30 | 40 | 37 | 43 | 45 | 48 | 50 | 41 | | | 38.3 |
| | MIN | 32 | 34 | 34 | 29 | 22 | 22 | 22 | 28 | 23 | 13 | 7 | 10 | 12 | 15 | 20 | 17 | 11 | 11 | 16 | 23 | 4 | 6 | 19 | 11 | 14 | 16 | 11 | 16 | 28 | | | 18.1 |
| SUSSEX 1 SE | MAX | 37 | 35 | 42 | 30 | 33 | 37 | 42 | 36 | 34 | 38 | 18 | 18 | 25 | 22 | 35 | 36 | 34 | 42 | 29 | 32 | 34 | 16 | 27 | 36 | 32 | 42 | 41 | 41 | 44 | | | 33.4 |
| | MIN | 25 | 27 | 30 | 26 | 17 | 20 | 17 | 17 | 16 | 6 | 0 | 0 | 9 | 5 | 10 | 12 | 11 | -3 | 3 | 13 | -2 | -2 | 3 | 3 | 3 | 4 | 7 | 9 | 11 | | | 10.2 |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 40 | 48 | 44 | 41 | 42 | 43 | 39 | 34 | 40 | 33 | 18 | 26 | 20 | 35 | 42 | 37 | 50 | 28 | 35 | 39 | 18 | 25 | 38 | 32 | 37 | 42 | 45 | 43 | 40 | | | 36.4 |
| | MIN | 35 | 37 | 30 | 26 | 20 | 21 | 23 | 26 | 24 | 10 | 7 | 6 | 12 | 14 | 22 | 20 | 19 | 10 | 13 | 18 | 3 | 2 | 17 | 16 | 16 | 15 | 11 | 13 | 28 | | | 17.7 |
| AUDUBON | MAX | 41 | 52 | 47 | 45 | 47 | 48 | 43 | 39 | 40 | 37 | 26 | 31 | 24 | 41 | 46 | 47 | 50 | 35 | 40 | 43 | 24 | 32 | 44 | 39 | 44 | 47 | 50 | 54 | 41 | | | 41.3 |
| | MIN | 32 | 38 | 34 | 24 | 21 | 26 | 24 | 30 | 34 | 15 | 10 | 14 | 17 | 16 | 23 | 22 | 26 | 15 | 20 | 20 | 7 | 10 | 21 | 19 | 19 | 22 | 18 | 21 | 31 | | | 21.5 |
| BELLEPLAIN ST FOREST | MAX | 44 | 49 | 52 | 45 | 46 | 48 | 44 | 39 | 44 | 40 | 24 | 32 | 28 | 38 | 47 | 42 | 52 | 35 | 35 | 42 | 40 | 29 | 42 | 39 | 41 | 46 | 48 | 49 | 44 | | | 41.6 |
| | MIN | 36 | 39 | 33 | 27 | 20 | 22 | 23 | 30 | 22 | 15 | 12 | 2 | 14 | 17 | 21 | 17 | 21 | 12 | 8 | 24 | 4 | -1 | 21 | 18 | 13 | 11 | 11 | 15 | 28 | | | 18.7 |
| BURLINGTON | MAX | 45 | 50 | | 48 | | 45 | 43 | 41 | 42 | 38 | 24 | 28 | 26 | 39 | 44 | 40 | 48 | 34 | 38 | 40 | 29 | 30 | | 41 | 42 | 41 | 48 | 51 | 48 | | | 40.1 |
| | MIN | 33 | 33 | | 34 | 25 | 24 | 23 | 35 | 26 | 11 | 4 | 12 | 12 | 17 | 23 | 25 | 26 | 24 | 26 | 25 | 8 | 12 | | | | | 29 | 24 | 35 | | | 22.8 |
| CHATSWORTH | MAX | 40 | 51 | 52 | 43 | 44 | 46 | 44 | 38 | 43 | 37 | 22 | 29 | 26 | 39 | 43 | 40 | 51 | 39 | 38 | 40 | 34 | 29 | 42 | 39 | 42 | 45 | 50 | 50 | 41 | | | 40.6 |
| | MIN | 34 | 37 | 32 | 30 | 20 | 14 | 20 | 18 | 22 | 12 | 5 | 3 | 10 | 12 | 12 | 12 | | 9 | 9 | 17 | 1 | 4 | 17 | 14 | 15 | 14 | 8 | 13 | 28 | | | 15.8 |
| FREEHOLD | MAX | 45 | 39 | 54 | 43 | 40 | 43 | 44 | 39 | 36 | 42 | 19 | 21 | 27 | 22 | 36 | 41 | 38 | 49 | 31 | 36 | 39 | 22 | 30 | 40 | 34 | 41 | 45 | 49 | 47 | | | 37.7 |
| | MIN | 31 | 32 | 31 | 29 | 21 | 23 | 26 | 24 | 23 | 13 | 7 | 7 | 13 | 14 | 18 | 17 | 24 | 10 | 15 | 20 | 4 | 6 | 15 | 12 | 15 | 16 | 16 | 18 | 30 | | | 18.3 |
| GLASSBORO | MAX | 48 | | 48 | 41 | 42 | 45 | 46 | 40 | 37 | 42 | 19 | 22 | 27 | 22 | 38 | 42 | 38 | 45 | 35 | 35 | 38 | 22 | 28 | 40 | 36 | 37 | 38 | 47 | 46 | | | 37.3 |
| | MIN | 34 | | 32 | 30 | 28 | 23 | 21 | 27 | 27 | 12 | 9 | 9 | 14 | 12 | 16 | 22 | 15 | 16 | 13 | 19 | 5 | 8 | 14 | 14 | 14 | 17 | 18 | 21 | 28 | | | 15.5 |
| HAMMONTON 2 NNE | MAX | 46 | 42 | 54 | 46 | 45 | 47 | 50 | 42 | 40 | 45 | 27 | 27 | 30 | 25 | 42 | 43 | 42 | 51 | 35 | 43 | 43 | 24 | 32 | 43 | 37 | 41 | 47 | 49 | 50 | | | 40.9 |
| | MIN | 34 | 35 | 34 | 32 | 25 | 25 | 26 | 29 | 28 | 18 | 9 | 10 | 15 | 15 | 19 | 22 | 24 | 12 | 15 | 22 | 4 | 12 | 11 | 17 | 17 | 20 | 17 | 20 | 26 | | | 20.3 |
| HIGHTSTOWN 1 N | MAX | 38 | 52 | 50 | 39 | 42 | 43 | 41 | 38 | 41 | 35 | 22 | 27 | 22 | 37 | 41 | 38 | 49 | 32 | 35 | 39 | 29 | 30 | 40 | 35 | 42 | 44 | 47 | 50 | 40 | | | 38.6 |
| | MIN | 30 | 36 | 34 | 30 | 22 | 22 | 25 | 27 | 23 | 13 | 5 | 12 | 13 | 16 | 23 | 17 | 26 | 11 | 19 | 25 | 6 | 7 | 21 | 12 | 15 | 17 | 14 | 19 | 28 | | | 19.8 |
| INDIAN MILLS 2 W | MAX | 41 | 50 | 51 | 43 | 43 | 45 | 43 | 37 | 42 | 35 | 23 | 28 | 24 | 39 | 43 | 40 | 49 | 32 | 36 | 40 | 26 | 30 | 40 | 36 | 41 | 43 | 48 | 50 | 41 | | | 39.3 |
| | MIN | 29 | 36 | 32 | 30 | 19 | 17 | 21 | 27 | 20 | 13 | 8 | 1 | 13 | 14 | 21 | 18 | 22 | 7 | 14 | 22 | 5 | 1 | 18 | 15 | 15 | 15 | 9 | 14 | 26 | | | 17.3 |
| MILLVILLE | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | MAX | 45 | 50 | 45 | 43 | 46 | 46 | 43 | 38 | 42 | 35 | 23 | 28 | 23 | 39 | 43 | 41 | 49 | 32 | 37 | 41 | 29 | 30 | 40 | 36 | 39 | 43 | 47 | 48 | 40 | | | 39.3 |
| | MIN | 35 | 40 | 36 | 31 | 22 | 24 | 22 | 30 | 23 | 14 | 9 | 5 | 18 | 16 | 26 | 22 | 21 | 14 | 12 | 19 | 6 | 5 | 22 | 21 | 18 | 18 | 12 | 18 | 30 | | | 20.4 |
| MOORESTOWN | MAX | 41 | 50 | 42 | 42 | 44 | 45 | 41 | 37 | 42 | 40 | 22 | 24 | 20 | 39 | 43 | 39 | 45 | 32 | 36 | 40 | 23 | 30 | 41 | 37 | 42 | 44 | 46 | 50 | 40 | | | 38.6 |
| | MIN | 31 | 34 | 35 | 32 | 21 | 23 | 24 | 30 | 25 | 13 | 10 | 15 | 16 | 17 | 25 | 19 | 17 | 15 | 20 | 23 | 6 | 11 | 21 | 15 | 16 | 18 | 14 | 19 | 26 | | | 20.3 |
| NEW BRUNSWICK EXP STA | MAX | 39 | 50 | 50 | 38 | 42 | 43 | 42 | 40 | 41 | 39 | 24 | 27 | 25 | 37 | 40 | 38 | 48 | 33 | 36 | 39 | 28 | 30 | 39 | 37 | 42 | 44 | 47 | 48 | 42 | | | 38.9 |
| | MIN | 33 | 35 | 35 | 31 | 23 | 24 | 26 | 27 | 24 | 19 | 10 | 12 | 16 | 18 | 22 | 13 | 28 | 11 | 20 | 27 | 7 | 9 | 21 | 15 | 18 | 19 | 17 | 20 | 32 | | | 21.1 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW MONMOUTH | MAX | 39 | 55 | 53 | 39 | 42 | 42 | 42 | 40 | 42 | 38 | 21 | 27 | 26 | 36 | 41 | 38 | 50 | 31 | 35 | 40 | 28 | 30 | 38 | 38 | 39 | 42 | 45 | 47 | 44 | | | 38.9 |
| | MIN | 33 | 36 | 38 | 32 | 28 | 24 | 27 | 32 | 26 | 14 | 9 | 18 | 16 | 17 | 36 | | 29 | 11 | 26 | 25 | 19 | 13 | 29 | 18 | 21 | 21 | 16 | 19 | 32 | | | 23.8 |
| PEMBERTON 3 E | MAX | 39 | 51 | 50 | 43 | 45 | 46 | 43 | 38 | 43 | 37 | 23 | 28 | 25 | 39 | 44 | 39 | 50 | 33 | 37 | 41 | 28 | 31 | 43 | 38 | 44 | 45 | 50 | 48 | 40 | | | 40.0 |
| | MIN | 31 | 37 | 33 | 29 | 21 | 15 | 20 | 28 | 23 | 13 | 8 | 5 | 15 | 14 | 21 | 19 | 27 | 10 | 15 | 22 | 4 | 4 | 18 | 14 | 15 | 13 | 10 | 16 | 29 | | | 18.2 |
| SEABROOK FARMS | MAX | 48 | 44 | 50 | 44 | 43 | 45 | 45 | 42 | 38 | 42 | 20 | 24 | 28 | 23 | 39 | 44 | 40 | 49 | 32 | 37 | 42 | 21 | 29 | 40 | 36 | 40 | 43 | 47 | 50 | | | 38.8 |
| | MIN | 34 | 35 | 35 | 32 | 24 | 26 | 25 | 30 | 23 | 14 | 12 | 13 | 19 | 16 | 21 | 19 | 22 | 15 | 18 | 23 | 5 | 7 | 14 | 20 | 17 | 18 | 16 | 20 | 29 | | | 20.8 |
| SHILOH | MAX | 47 | 47 | 48 | 45 | 46 | 48 | 47 | 40 | 43 | 36 | 24 | 30 | 27 | 40 | 44 | 42 | 50 | 33 | 38 | 41 | 40 | 29 | 41 | 38 | 40 | 44 | 48 | 49 | 43 | | | 41.0 |
| | MIN | 37 | 34 | 35 | 32 | 24 | 29 | 27 | 30 | 26 | 13 | 12 | 11 | 17 | 17 | 25 | 19 | 25 | 14 | 18 | 24 | 6 | 5 | 19 | 20 | 16 | 18 | 19 | 22 | 30 | | | 21.5 |
| TOMS RIVER | MAX | 57 | 42 | 52 | 44 | 40 | 43 | 45 | 40 | 38 | 42 | 20 | 23 | 28 | 24 | 38 | 44 | 45 | 51 | 32 | 36 | 40 | 22 | 30 | 41 | 34 | 42 | 43 | 50 | 47 | | | 39.1 |
| | MIN | 34 | 35 | 32 | 30 | 25 | 16 | 22 | 25 | 23 | 11 | 7 | 6 | 13 | 15 | 15 | 20 | 22 | 4 | 13 | 22 | 3 | 5 | 15 | 14 | 16 | 14 | 10 | 16 | 29 | | | 17.7 |
| TRENTON WB CITY | MAX | 39 | 49 | 44 | 38 | 42 | 45 | 43 | 39 | 40 | 33 | 22 | 27 | 23 | 38 | 41 | 39 | 47 | 32 | 36 | 39 | 20 | 30 | 38 | 37 | 42 | 43 | 46 | 49 | 40 | | | 38.0 |
| | MIN | 34 | 37 | 34 | 28 | 28 | 30 | 33 | 30 | 28 | 15 | 11 | 17 | 16 | 19 | 26 | 23 | 18 | 16 | 22 | 15 | 8 | 11 | 23 | 18 | 19 | 23 | 26 | 28 | 32 | | | 23.0 |
| TUCKERTON | MAX | 40 | 45 | 49 | 44 | 46 | 47 | 40 | 37 | 43 | 38 | 24 | 30 | 26 | 39 | 46 | 40 | 52 | 32 | 38 | 41 | 30 | 30 | 42 | 37 | 39 | 42 | 45 | 47 | 40 | | | 39.6 |
| | MIN | 36 | 38 | 31 | 28 | 20 | 17 | 23 | 24 | 24 | 14 | 9 | 3 | 14 | 15 | 20 | 21 | 26 | 10 | 14 | 23 | 3 | 5 | 20 | 15 | 15 | 16 | 12 | 16 | 28 | | | 18.6 |
| WOODSTOWN | MAX | 44 | 47 | 49 | 45 | 46 | 47 | 43 | 39 | 42 | 39 | 24 | 30 | 27 | 41 | 44 | 42 | 48 | 33 | 38 | 43 | 33 | 32 | 42 | 37 | 41 | 44 | 48 | 50 | 43 | | | 40.7 |
| | MIN | 34 | 36 | 35 | 31 | 23 | 27 | 23 | 20 | 22 | 13 | 11 | 10 | 15 | 12 | 26 | 21 | 11 | 14 | 16 | 25 | 5 | 8 | 20 | 19 | 17 | 18 | 14 | 18 | 27 | | | 19.7 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 42 | 51 | 46 | 45 | 46 | 48 | 41 | 39 | 44 | 38 | 24 | 30 | 25 | 39 | 45 | 37 | 52 | 32 | 38 | 43 | 23 | 31 | 43 | 32 | 39 | 42 | 42 | 45 | 43 | | | 39.5 |
| | MIN | 39 | 42 | 36 | 31 | 27 | 29 | 33 | 29 | 30 | 17 | 15 | 18 | 21 | 21 | 30 | 25 | 24 | 18 | 22 | 22 | 11 | 14 | 25 | 23 | 22 | 24 | 25 | 31 | 34 | | | 25.4 |
| CAPE MAY 3 W | MAX | 47 | 43 | 50 | 44 | 43 | 44 | 43 | 40 | 38 | 36 | 33 | 32 | 32 | 38 | 38 | 42 | 46 | 42 | 38 | 40 | 40 | 29 | 39 | 39 | 35 | 40 | 43 | 45 | 44 | | | 40.1 |
| | MIN | 38 | 37 | 36 | 35 | 31 | 35 | 32 | 29 | 23 | 21 | 16 | 19 | 15 | 23 | 26 | 17 | 30 | 22 | 26 | 30 | 12 | 16 | 27 | 22 | 22 | 25 | 21 | 25 | 34 | | | 25.7 |
| LONG BRANCH 2 N | MAX | 37 | 46 | 49 | 37 | 42 | 43 | 39 | 37 | 40 | 37 | 21 | 26 | 25 | 36 | 40 | 36 | 47 | 30 | 35 | 38 | 26 | 29 | 39 | 36 | 41 | 45 | 40 | 42 | 40 | | | 37.2 |
| | MIN | 34 | 36 | 34 | 32 | 25 | 27 | 30 | 25 | 25 | 16 | 9 | 12 | 14 | 16 | 24 | 21 | 24 | 14 | 19 | 25 | 7 | 9 | 21 | 19 | 22 | 22 | 19 | 23 | 32 | | | 21.9 |

# DAILY SOIL TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RUTGERS MICRO-MET STA PLOT # 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 37 | 40 | 40 | 40 | 36 | 35 | 35 | 34 | 35 | 34 | 33 | 33 | 32 | 32 | 32 | 34 | 33 | 33 | 32 | 33 | 32 | 32 | 33 | 32 | 33 | 33 | 33 | 33 | 33 | | | 34.0 |
| | MIN | 36 | 37 | 40 | 35 | 34 | 34 | 34 | 34 | 33 | 33 | 33 | 31 | 30 | 30 | 31 | 32 | 32 | 30 | 30 | 31 | 30 | 29 | 30 | 31 | 32 | 31 | 31 | 32 | 33 | | | 32.4 |
| 2 INCHES | MAX | 37 | 40 | 40 | 38 | 36 | 35 | 36 | 34 | 35 | 34 | 34 | 33 | 33 | 32 | 32 | 33 | 33 | 32 | 32 | 33 | 32 | 32 | 32 | 32 | 33 | 33 | 33 | 33 | 33 | | | 34.0 |
| | MIN | 36 | 37 | 40 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 32 | 31 | 31 | 32 | 32 | 32 | 31 | 31 | 32 | 31 | 30 | 31 | 31 | 32 | 32 | 31 | 32 | 33 | | | 32.8 |
| 4 INCHES | MAX | 38 | 39 | 40 | 39 | 37 | 36 | 36 | 35 | 35 | 35 | 34 | 34 | 34 | 33 | 33 | 34 | 33 | 33 | 33 | 33 | 33 | 32 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | | | 34.5 |
| | MIN | 37 | 38 | 39 | 37 | 36 | 35 | 35 | 35 | 35 | 34 | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 32 | 32 | 32 | 32 | 33 | 33 | 32 | 33 | 33 | | | 33.9 |
| 8 INCHES | MAX | 38 | 38 | 40 | 39 | 38 | 37 | 36 | 36 | 36 | 36 | 35 | 35 | 35 | 34 | 34 | 35 | 34 | 34 | 34 | 34 | 33 | 34 | 34 | 33 | 35 | 34 | 34 | 33 | 34 | | | 35.2 |
| | MIN | 38 | 38 | 38 | 38 | 37 | 36 | 36 | 35 | 35 | 35 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | | | 34.6 |
| 16 INCHES | MAX | 38 | 38 | 40 | 39 | 39 | 38 | 38 | 38 | 37 | 38 | 37 | 37 | 37 | 36 | 36 | 36 | 36 | 36 | 36 | 35 | 35 | 35 | 35 | 35 | 37 | 35 | 35 | 35 | 35 | | | 36.6 |
| | MIN | 38 | 38 | 38 | 39 | 38 | 38 | 37 | 37 | 37 | 37 | 37 | 36 | 36 | 36 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | | | 36.1 |
| 32 INCHES | MAX | 39 | 39 | 40 | 40 | 40 | 40 | 40 | 39 | 39 | 40 | 39 | 39 | 39 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 37 | 38 | 38 | 37 | 37 | 37 | | | 38.5 |
| | MIN | 39 | 39 | 39 | 40 | 40 | 40 | 39 | 39 | 39 | 39 | 39 | 39 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | | | 38.2 |
| PLOT # 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 40 | 48 | 46 | 44 | 40 | 38 | 36 | 34 | 36 | 34 | 33 | 33 | 33 | 33 | 34 | 35 | 32 | 33 | 36 | 35 | 33 | 34 | 39 | 40 | 43 | 45 | 44 | 47 | 38 | | | 37.8 |
| | MIN | 36 | 38 | 39 | 34 | 34 | 33 | 33 | 32 | 30 | 33 | 23 | 23 | 23 | 22 | 25 | 26 | 29 | 22 | 24 | 30 | 20 | 19 | 25 | 25 | 27 | 28 | 28 | 30 | 33 | | | 28.4 |
| 2 INCHES | MAX | 39 | 46 | 45 | 43 | 39 | 37 | 36 | 34 | 33 | 34 | 33 | 32 | 32 | 32 | 32 | 33 | 33 | 33 | 33 | 33 | 32 | 32 | 34 | 34 | 37 | 40 | 39 | 41 | 36 | | | 35.8 |
| | MIN | 36 | 38 | 40 | 35 | 34 | 34 | 34 | 33 | 32 | 33 | 26 | 26 | 25 | 24 | 27 | 28 | 33 | 24 | 26 | 30 | 23 | 21 | 27 | 27 | 29 | 31 | 30 | 32 | 33 | | | 30.0 |
| 8 INCHES | MAX | 39 | 39 | 42 | 38 | 37 | 37 | 36 | 35 | 35 | 35 | 34 | 34 | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 32 | 32 | 32 | 34 | 33 | 33 | 33 | 33 | | | 34.5 |
| | MIN | 38 | 38 | 38 | 38 | 36 | 36 | 35 | 35 | 35 | 35 | 34 | 33 | 33 | 31 | 33 | 33 | 33 | 32 | 32 | 33 | 32 | 30 | 31 | 32 | 32 | 33 | 33 | 33 | 33 | | | 33.8 |

MAX AND MIN TEMPERATURES ARE FOR THE 24 HOUR PERIOD ENDING AT MIDNIGHT.

PLOT #1 - SLOPE OF GROUND, FLAT. SOIL TYPE, LOAM. GROUND COVER, KENTUCKY BLUEGRASS. INSTRUMENTATION, COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

PLOT #2 - SLOPE OF GROUND, FLAT. SOIL TYPE, LOAM. GROUND COVER, BARREN. INSTRUMENTATION, BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# SNOWFALL AND SNOW ON GROUND

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | T | T | | T | T | | | | | .2 | | | T | T | | T | | T | | | | | | | | | | | | | |
| | SN ON GND | T | T | | | | | | | | T | | | | | | | | | | | | | | | | | | | | | |
| CHARLOTTEBURG | SNOWFALL | | | | | | | | | | .5 | | | .3 | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | T | | | T | | | | | | | | | | | | | | | | | | |
| FLEMINGTON 1 NE | SNOWFALL | | | | T | | | | | | .5 | | | T | T | | T | | | | | T | | | | | | | | | | |
| | SN ON GND | | | | T | | | | | | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | |
| LAMBERTVILLE | SNOWFALL | | | | | | | | | | .5 | | | T | | | | T | | | T | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | T | T | | | | | | | | | T | | | | | | | | | | | |
| LITTLE FALLS | SNOWFALL | | | | | | | | | | .1 | | | .1 | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | T | | | | | | | | | | | | | | | | | | |
| LONG VALLEY | SNOWFALL | | | | | | | | | | 1.0 | | | | T | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORRIS PLAINS 1 W | SNOWFALL | | | | T | T | | | | | .2 | | | T | T | | | | T | | | T | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | |
| NEWARK WB AIRPORT | SNOWFALL | | | T | T | | | | | T | .5 | | T | .1 | | | | T | | | T | | | | | | | | | T | | |
| | SN ON GND | | | | | | | | | | T | T | | T | | | | | | | | | | | | | | | | | | |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWTON | SNOWFALL | | | | | T | | | | | 1.0 | | | T | | | | | | | | | | | | | | | | | | |
| | SN ON GND | T | T | T | T | T | T | T | | | 1 | T | T | T | T | T | | | | | | | | | | | | | | | | |
| PATERSON | SNOWFALL | | | | T | | | | | | T | | | T | T | | | | T | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PHILLIPSBURG | SNOWFALL | | | | | | | | | | T | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | T | | | | | | | | | | | | | | | | | | | | | |
| PLAINFIELD | SNOWFALL | | | T | T | | | | | | .2 | | T | T | | | | T | | | T | | | | | | | | | T | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAHWAY | SNOWFALL | | | | | | | | | | T | | | | | | | | | | | | | | | | | | | .3 | | |
| | SN ON GND | | | | | | | | | | T | | | | | | | | | | | | | | | | | | | T | | |
| SOMERVILLE | SNOWFALL | | | | | | | | | | T | T | | T | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WANAQUE RAYMOND DAM | SNOWFALL | | | | | | | | | | T | T | | T | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | SNOWFALL | | | | | | | T | .2 | T | .7 | | | T | | | | | | | .8 | T | | | | | | | | 2.5 | | |
| | SN ON GND | | | | | | | | T | | 1 | T | T | T | T | | | | | | | 1 | T | T | | | | | | | | |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BASS RIVER ST FOREST | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| FREEHOLD | SNOWFALL | | | | | | | | | | .5 | | | | | | | | T | | T | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | T | | | | | | | | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | SNOWFALL | | | | T | | | | | | 1.0 | | T | T | | | T | T | | | T | | | | | | | | | T | | |
| | SN ON GND | | | | | | | | | | 1 | T | T | T | T | | | | | | | | | | | | | | | | | |
| INDIAN MILLS 2 W | SNOWFALL | | | | | | | | | | 1.5 | | | T | | | | | | | T | .9 | | | | | | | | T | | |
| | SN ON GND | | | | | | | | | | T | T | T | T | T | | | | | | T | T | T | | | | | | | T | | |
| MAYS LANDING 1 W | SNOWFALL | | | | | | | | | | .6 | | | | | | | | | | | .7 | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | 1 | T | T | T | | | | | | | | 1 | T | | | | | | | | | |
| MILLVILLE FAA AIRPORT | SNOWFALL | | | | | | | | | | .4 | | | T | | | | | | | 1.0 | T | | | | | | | | 2.0 | | |
| | SN ON GND | | | | | | | | | | T | | | | | | | | | | | 1 | | | | | | | | | | |
| MOORESTOWN | SNOWFALL | | | | | | | | | | | | | T | | | | | | | | T | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | T | | | | | | | | | | |
| NEW BRUNSWICK EXP STA | SNOWFALL | | | | | | | | | | T | | | | | | | T | | | T | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | SNOWFALL | | | | | | | | | | 1.0 | | | | | | | | | | | .5 | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | 1 | | | | | | | | | | | T | | | | | | | | | | |
| SEABROOK FARMS | SNOWFALL | | | | | | | | | | | | | | | | | | | | | - | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRENTON WB CITY | SNOWFALL | | | | | | | | | T | .4 | | | T | | | | T | | | T | | | | | | | | | 2.0 | | |
| | SN ON GND | | | | | | | | | | T | T | T | T | | | | | | | | | | | | | | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2 N | SNOWFALL | | | | | | | | | | .9 | | T | T | | | | T | | | T | T | | | | | | | | T | | |
| | SN ON GND | | | | | | | | | | 1 | 1 | T | T | T | | | | | | | | | | | | | | | | | |

# SUPPLEMENTAL DATA

| Station | Wind (Speed - m.p.h.) | | | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | EASTERN STANDARD TIME 1 AM | 7 AM | 1 PM | 7 PM | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 29 | 7.6 | 12.7 | 33++ | 27 | 17 | 63 | 66 | 42 | 56 | 5 | 4 | 0 | 2 | 0 | 0 | 11 | 61 | 5.0 |
| ATLANTIC CITY ST. MARINA | - | - | - | 44 | W | 17 | - | - | - | - | 0 | 1 | 0 | 2 | 0 | 0 | 3 | - | - |
| NEWARK WB AIRPORT | 28 | 8.4 | 13.4 | 37++ | 28 | 17 | 54 | 60 | 43 | 47 | 6 | 3 | 1 | 1 | 0 | 0 | 11 | - | 5.0 |
| TRENTON WB CITY | - | - | - | 34 | NW | 17 | - | - | - | - | 5 | 1 | 0 | 2 | 0 | 0 | 8 | 72 | 5.3 |

See Reference Notes Following Station Index

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 | | 7A | | | WALTER J SCHANCK |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 58 | 10 | 5P | 5P | | C | N.WEST MAGNESITE CO. |
| CEDAR GROVE | 1472 | 01 | ESSEX | 8 | 40 52 | 74 13 | 400 | | 8A | | | J. A. PLUNKETT |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F DROPPE |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A | | | CHARLES KOONS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 N | 4987 | 03 | MONMOUTH | 1 | 40 20 | 74 00 | 10 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MANVILLE | 5197 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | JOHN L. RADCLIFFE |
| MARLBORO SCS | 5244 | 02 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | C | GEROW BRILL |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | MID | | C H | L. J. GALLAHER |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK EXP STA | 6062 | 02 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | 5P | 5P | | H | ARTHUR H. AHLQUIST |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEW MONMOUTH | 6154 | 02 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P | | | ST. MARYS SCHOOL |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6469 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| OLDWICK | 6544 | 01 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | | 8A | | | DAN A. COUGHLIN |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PENNSAUKEN | 6863 | 02 | CAMDEN | 2 | 39 57 | 75 04 | 60 | | 9A | | | CAMDEN COUNTY PLNG BD. |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 3P | 3P | | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 | | 7A | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| RUTGERS MICRO-MET STA | 7831 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | | | 8A | C G | RUTGERS UNIV |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P | | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY S. P. A. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | [illegible] | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 330 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWRENCE [illegible] JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNI |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | [illegible] | [illegible] | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations, consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry

+ And also on an earlier date or dates

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data

* Amount included in following measurement, time distribution unknown.

/ Gage is equipped with a windshield

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing, if average value is entered, less than 10 days record is missing. See 'Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month

R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset

VAR This entry in time of observation column in Station Index means variable

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground, however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue

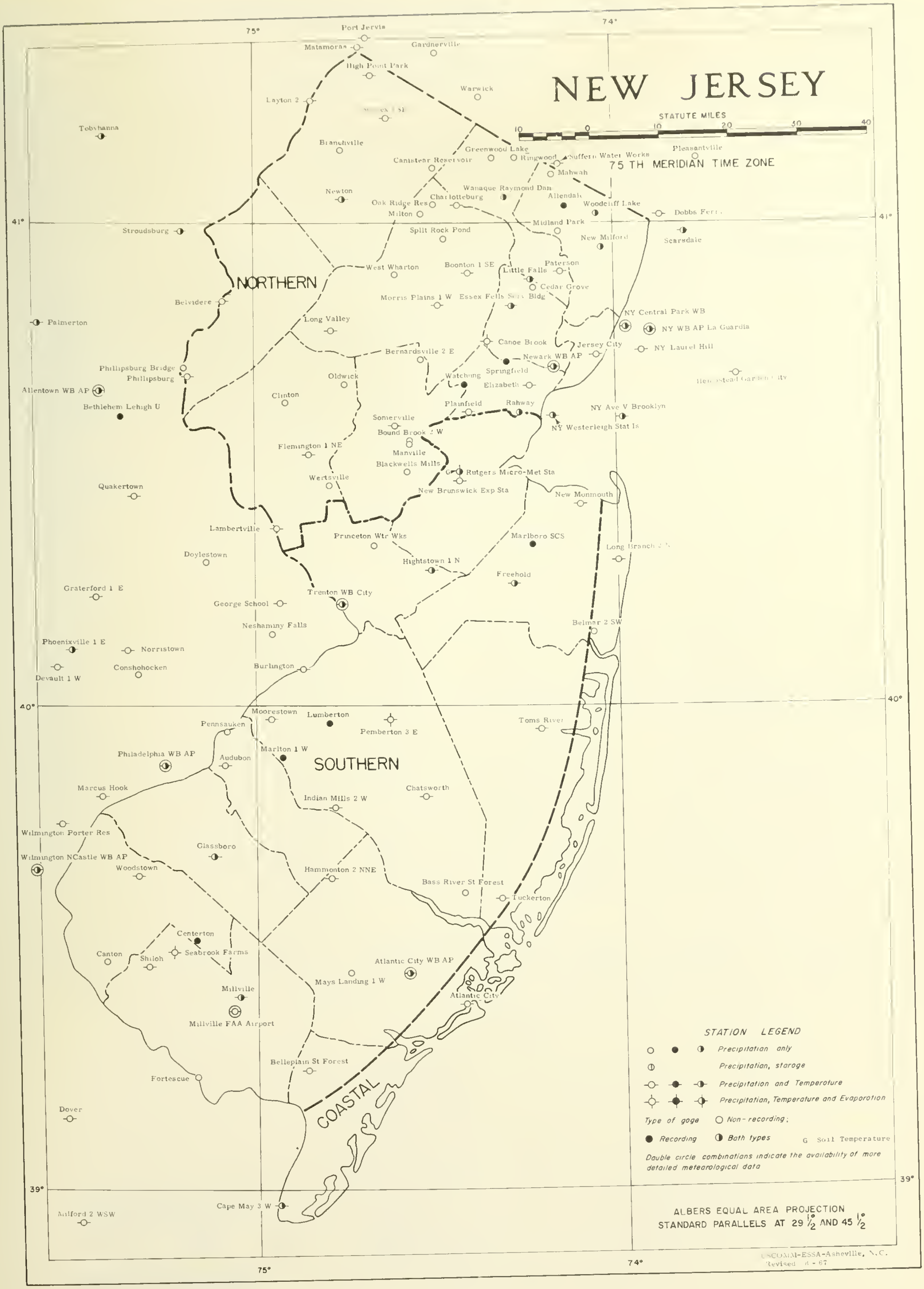
General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual, $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-3/29 68-880


NEW JERSEY
STATUTE MILES
10
0
10
20
30
40
75 TH MERIDIAN TIME ZONE
75°
74°
41°
40°
39°
NORTHERN
SOUTHERN
COASTAL
Port Jervis
Matamoras
Gardnerville
High Point Park
Warwick
Layton 2
Tobyhanna
Branchville
Greenwood Lake
Ringwood
Suffern Water Works
Pleasantville
Canistear Reservoir
Mahwah
Newton
Wanaque Raymond Dam
Charlotteburg
Oak Ridge Res
Allendale
Woodcliff Lake
Milton
Dobbs Ferry
Midland Park
Stroudsburg
Split Rock Pond
New Milford
Scarsdale
West Wharton
Boonton 1 SE
Paterson
Little Falls
Cedar Grove
Belvidere
Morris Plains 1 W
Essex Fells Serv Bldg
Palmerton
Long Valley
NY Central Park WB
NY WB AP La Guardia
Canoe Brook
Jersey City
NY Laurel Hill
Bernardsville 2 E
Newark WB AP
Hempstead Garden City
Phillipsburg Bridge
Phillipsburg
Oldwick
Watchung
Springfield
Allentown WB AP
Elizabeth
Clinton
Bethlehem Lehigh U
Plainfield
Rahway
NY Ave V Brooklyn
Somerville
NY Westerleigh Stat Is
Bound Brook 2 W
Flemington 1 NE
Manville
Blackwells Mills
Rutgers Micro-Met Sta
Wertsville
New Brunswick Exp Sta
Quakertown
New Monmouth
Lambertville
Princeton Wtr Wks
Marlboro SCS
Long Branch
Doylestown
Hightstown 1 N
Freehold
Graterford 1 E
Trenton WB City
George School
Neshaminy Falls
Belmar 2 SW
Phoenixville 1 E
Norristown
Conshohocken
Burlington
Devault 1 W
Moorestown
Lumberton
Pemberton 3 E
Toms River
Pennsauken
Philadelphia WB AP
Audubon
Marlton 1 W
Marcus Hook
Indian Mills 2 W
Chatsworth
Wilmington Porter Res
Glassboro
Wilmington NCastle WB AP
Woodstown
Hammonton 2 NNE
Bass River St Forest
Tuckerton
Centerton
Canton
Shiloh
Seabrook Farms
Atlantic City WB AP
Mays Landing 1 W
Millville
Atlantic City
Millville FAA Airport
Belleplain St Forest
Fortescue
Dover
Cape May 3 W
Milford 2 WSW
STATION LEGEND
○ ● ◑ Precipitation only
⦶ Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording;
● Recording ◑ Both types
G Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
USCOMM-ESSA-Asheville, N.C.
Revised 8-67

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NJ

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C. R. SMITH Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
MARCH 1968
Volume 73 No. 3

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 51.6 | 29.8 | 40.7 | 1.4 | 78 | 30 | 12 | 3 | 747 | 0 | 1 | 20 | 0 | 3.90 | - .18 | 1.08 | 13 | 1.3 | T | 3+ | 6 | 3 | 1 |
| BOONTON 1 SE | 49.5 | 29.9 | 39.7 | 2.4 | 76 | 30 | 13 | 3 | 779 | 0 | 1 | 20 | 0 | 4.45 | .59 | 1.42 | 13 | 1.0 | 1 | 1 | 7 | 4 | 1 |
| CANOE BROOK | 50.8 | 29.5 | 40.2 | 2.6 | 77 | 30 | 13 | 4 | 763 | 0 | 1 | 20 | 0 | 5.16 | .86 | 1.81 | 13 | 1.0 | 1 | 1 | 6 | 4 | 2 |
| CHARLOTTEBURG | 47.4 | 26.6 | 37.0 | .4 | 76 | 30 | 10 | 4+ | 861 | 0 | 1 | 22 | 0 | 5.00 | .53 | 1.36 | 13 | 5.5 | 5 | 1 | 9 | 4 | 2 |
| ELIZABETH | 53.6 | 32.0 | 42.8 | 1.9 | 75 | 29 | 16 | 3 | 680 | 0 | 0 | 17 | 0 | 4.15 | - .34 | 1.40 | 13 | 1.0 | 1 | 1 | 6 | 4 | 1 |
| ESSEX FELLS SERV BLDG | 49.8 | 30.6 | 40.2 | | 78 | 30 | 13 | 3 | 762 | 0 | 1 | 20 | 0 | 5.24 | | 1.68 | 13 | 2.0 | 2 | 1 | 7 | 4 | 2 |
| FLEMINGTON 1 NE | 50.7 | 28.2 | 39.5 | - .6 | 78 | 30 | 11 | 4 | 783 | 0 | 1 | 21 | 0 | 4.51 | .52 | 1.65 | 13 | 1.5 | T | 13+ | 7 | 4 | 2 |
| HIGH POINT PARK | 46.1 | 25.5 | 35.8 | | 72 | 30 | 4 | 3 | 898 | 0 | 5 | 20 | 0 | 0 4.75 | | 1.00 | 13 | 7.0 | 6 | 2+ | 10 | 6 | 1 |
| JERSEY CITY | 49.7 | 35.5 | 42.6 | 2.8 | 74 | 29 | 17 | 3 | 685 | 0 | 0 | 12 | 0 | 0 4.88 | .85 | 1.07 | 18 | 5.0 | 5 | 1 | 7 | 5 | 1 |
| LAMBERTVILLE | 55.2 | 32.8 | 44.0 | 4.2 | 80 | 29 | 16 | 3 | 643 | 0 | 0 | 15 | 0 | 4.37 | .31 | 1.11 | 13 | .5 | T | 12 | 8 | 4 | 1 |
| LAYTON 2 | 49.5 | 26.1 | 37.8 | | 80 | 30 | 12 | 9+ | 836 | 0 | 2 | 24 | 0 | 3.93 | | .78 | 17 | 1.3 | 1 | 13 | 8 | 4 | 0 |
| LITTLE FALLS | 52.3 | 32.5 | 42.4 | 3.1 | 80 | 30 | 15 | 3 | 696 | 0 | 1 | 17 | 0 | 5.02 | .72 | 1.72 | 13 | 1.8 | 1 | 14+ | 7 | 4 | 3 |
| LONG VALLEY | 49.6 | 25.8 | 37.7 | | 77 | 30 | 9 | 3 | 839 | 0 | 1 | 24 | 0 | 3.98 | - .30 | 1.28 | 13 | T | 0 | | 7 | 3 | 1 |
| MORRIS PLAINS 1 W | 49.6 | 28.2 | 38.9 | | 78 | 30 | 7 | 3 | 802 | 0 | 1 | 21 | 0 | 4.54 | | 1.43 | 13 | 1.0 | T | 24+ | 6 | 4 | 1 |
| NEWARK WB AIRPORT R | 51.2 | 34.9 | 43.1 | 2.6 | 79 | 29 | 18 | 3 | 676 | 0 | 1 | 12 | 0 | 3.59 | - .50 | 1.10 | 12 | 1.7 | 1 | 1 | 7 | 2 | 2 |
| NEWTON | 49.4 | 28.3 | 38.9 | 2.5 | 78 | 30 | 11 | 4+ | 803 | 0 | 1 | 23 | 0 | 4.00 | .55 | 1.19 | 13 | 2.0 | 1 | 13 | 8 | 3 | 1 |
| PATERSON | 51.4 | 33.0 | 42.2 | 2.7 | 80 | 30 | 15 | 3 | 698 | 0 | 1 | 17 | 0 | 5.32 | .87 | 1.75 | 13 | .5 | 0 | | 8 | 4 | 3 |
| PHILLIPSBURG | 56.0 | 31.7 | 43.9 | 4.7 | 80 | 30+ | 15 | 3 | 649 | 0 | 0 | 16 | 0 | 3.82 | - .27 | 1.34 | 17 | T | 0 | | 5 | 2 | 2 |
| PLAINFIELD | 53.3 | 33.5 | 43.4 | 3.5 | 80 | 29 | 15 | 3 | 662 | 0 | 0 | 14 | 0 | 4.43 | .12 | 1.14 | 13 | 1.3 | 0 | | 7 | 6 | 1 |
| SOMERVILLE | 53.9 | 32.8M | 43.4M | 3.9 | 79 | 29 | 15 | 8 | 653 | 0 | 0 | 15 | 0 | 4.16 | .19 | 1.40 | 12 | T | 0 | | 7 | 3 | 1 |
| SUSSEX 1 SE | 48.8 | 24.8 | 36.8 | - .2 | 77 | 30 | 9 | 4+ | 868 | 0 | 1 | 26 | 0 | D 4.98 | 1.58 | 1.39 | 17 | 1.5 | T | 16+ | 9 | 3 | 2 |
| DIVISION | | | 40.5 | 1.9 | | | | | | | | | | 4.48 | .38 | | | 1.8 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 53.7 | 32.3 | 43.0 | 1.9 | 81 | 29 | 16 | 3 | 674 | 0 | 0 | 14 | 0 | 4.99 | 1.08 | 1.68 | 17 | 1.8 | 4 | 1 | 6 | 3 | 2 |
| AUDUBON | 55.7 | 34.8 | 45.3 | | 80 | 29 | 14 | 3 | 606 | 0 | 0 | 12 | 0 | 5.68 | | 1.92 | 12 | 2.0 | T | 12+ | 6 | 6 | 2 |
| BELLEPLAIN ST FOREST | 57.5 | 33.0 | 45.3 | | 80 | 29 | 16 | 3 | 607 | 0 | 0 | 15 | 0 | 4.42 | .00 | 1.29 | 13 | 6.0 | 2 | 1 | 6 | 3 | 1 |
| BURLINGTON | 56.8M | 32.7 | 44.8M | 2.6 | 80 | 29 | 5 | 4 | 611 | 0 | 0 | 12 | 0 | 5.19 | .85 | 1.35 | 12 | T | T | 12 | 7 | 5 | 3 |
| CHATSWORTH | 56.2 | 31.5 | 43.9 | | 79 | 29 | 15 | 8 | 648 | 0 | 0 | 16 | 0 | 6.22 | | 1.43 | 13 | | | | 6 | 6 | 4 |
| FREEHOLD | 50.7 | 31.3 | 41.0 | 1.0 | 79 | 30 | 15 | 4+ | 738 | 0 | 1 | 16 | 0 | 6.35 | 2.11 | 2.02 | 13 | T | 0 | | 6 | 3 | 3 |
| GLASSBORO | 51.9 | 33.9 | 42.9 | | 76 | 31+ | 14 | 3 | 679 | 0 | 1 | 13 | 0 | 5.24 | | 2.00 | 13 | 8.0 | 1 | 1 | 6 | 4 | 2 |
| HAMMONTON 2 NNE | 55.8 | 33.6 | 44.7 | 2.8 | 80 | 30 | 17 | 3 | 622 | 0 | 1 | 14 | 0 | 5.57 | 1.31 | 2.32 | 13 | 5.0 | | | 6 | 3 | 3 |
| HIGHTSTOWN 1 N | 53.6 | 33.3 | 43.5 | 3.3 | 79 | 29 | 16 | 3 | 660 | 0 | 0 | 15 | 0 | 6.30 | 2.48 | 2.06 | 13 | 4.3 | 1 | 1 | 6 | 5 | 2 |
| INDIAN MILLS 2 W | 54.8 | 31.1 | 43.0 | 2.3 | 79 | 29+ | 15 | 3 | 674 | 0 | 0 | 18 | 0 | 5.01 | .73 | 1.13 | 18 | 3.5 | 2 | 1 | 6 | 5 | 3 |
| MILLVILLE | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | 56.1 | 33.9 | 45.0 | | 79 | 29 | 17 | 3 | 610 | 0 | 0 | 12 | 0 | 4.49 | | 1.74 | 12 | 1.4 | 3 | 1 | 7 | 4 | 1 |
| MOORESTOWN | 53.2 | 33.8 | 43.5 | 2.8 | 78 | 29 | 15 | 3 | 659 | 0 | 0 | 15 | 0 | 5.90 | 2.09 | 2.74 | 12 | 4.0 | 1 | 1 | 5 | 3 | 3 |
| NEW BRUNSWICK EXP STA | 54.9 | 33.4 | 44.2 | 4.0 | 79 | 29 | 15 | 3 | 637 | 0 | 0 | 12 | 0 | 4.44 | .69 | 1.86 | 13 | 3.0 | 1 | 13+ | 6 | 3 | 1 |
| NEW MONMOUTH | 54.9 | 34.5M | 44.7M | | 79 | 29 | 20 | 8 | 609 | 0 | 0 | | 0 | 8.51 | | 2.00 | 13 | 2.8 | 3 | 1 | 8 | 6 | 4 |
| PEMBERTON 3 E | 54.7 | 32.7 | 43.7 | 2.1 | 80 | 29 | 8 | 3 | 653 | 0 | 0 | 15 | 0 | 5.96 | 2.11 | 1.57 | 13 | 6.5 | 3 | 1 | 6 | 5 | 3 |
| SEABROOK FARMS | 53.7 | 34.3 | 44.0 | | 79 | 30 | 15 | 3 | 643 | 0 | 1 | 13 | 0 | 5.25 | | 1.98 | 13 | | | | 4 | 4 | 2 |
| SHILOH | 56.2 | 34.4 | 45.3 | 3.1 | 78 | 29 | 17 | 4+ | 603 | 0 | 0 | 15 | 0 | 4.93 | 1.17 | 1.14 | 18 | | | | 6 | 6 | 3 |
| TOMS RIVER | 52.3 | 31.8 | 42.1 | | 80 | 30 | 13 | 4 | 703 | 0 | 1 | 17 | 0 | 4.84 | | 2.11 | 13 | 3.0 | 2 | 1 | 5 | 2 | 2 |
| TRENTON WB CITY R | 53.4 | 36.4 | 44.9 | 4.2 | 78 | 29 | 17 | 3 | 614 | 0 | 0 | 11 | 0 | 4.44 | .60 | 1.80 | 12 | 1.2 | T | 23+ | 7 | 4 | 1 |
| TUCKERTON | 53.2 | 32.5 | 42.9 | | 79 | 29 | 16 | 3 | 679 | 0 | 0 | 15 | 0 | 5.68 | | 1.70 | 12 | 6.7 | 3 | 1 | 6 | 6 | 1 |
| WOODSTOWN | 56.0 | 33.3 | 44.7 | | 79 | 29 | 13 | 3 | 622 | 0 | 0 | 16 | 0 | 0 5.58 | | 2.08 | 13 | 2.5 | 2 | 1 | 5 | 5 | 2 |
| DIVISION | | | 43.9 | 3.0 | | | | | | | | | | 5.48 | 1.39 | | | 3.4 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 51.7 | 37.9 | 44.8 | 3.7 | 72 | 29 | 21 | 3 | 618 | 0 | 0 | 9 | 0 | 4.05 | .04 | 1.75 | 12 | | | | 5 | 2 | 2 |
| CAPE MAY 3 W | 51.6M | 35.5M | 43.6M | | 75 | 29 | 17 | 14 | 655 | 0 | 0 | | 0 | 5.06 | | 1.25 | 14 | 4.0 | 3 | 1 | 8 | 5 | 1 |
| LONG BRANCH 2 N | 49.3 | 33.7 | 41.5 | 1.7 | 76 | 29 | 17 | 3 | 722 | 0 | 0 | 12 | 0 | 6.18 | 1.81 | 1.52 | 18 | 6.6 | 3 | 1 | 6 | 4 | 4 |
| DIVISION | | | 43.3 | 2.8 | | | | | | | | | | 5.10 | 1.17 | | | 5.3 | | | | | |

## EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>ATLANTIC CITY WB AP | 81 | DATE | 29 |
| LOWEST TEMPERATURE<br>HIGH POINT PARK | 4 | DATE | 03 |
| GREATEST TOTAL PRECIPITATION<br>NEW MONMOUTH | 8.51 | | |
| LEAST TOTAL PRECIPITATION<br>NEWARK WB AIRPORT R | 3.59 | | |
| GREATEST 1 DAY PRECIPITATION<br>MOORESTOWN | 2.74 | DATE | 12 |
| GREATEST TOTAL SNOWFALL<br>GLASSBORO | 8.0 | | |
| GREATEST DEPTH OF SNOW<br>CANISTEAR RESERVOIR | 7 | DATE | 01 |

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MAY 15 1968
UNIVERSITY OF ILLINOIS

See Reference Notes Following Station Index

# DAILY PRECIPITATION

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 3.90 | .41 | T | T | | | | | | T | .06 | .26 | | 1.08 | T | | | .79 | .72 | .08 | | | .03 | T | .47 | T | | | | T | T | |
| BERNARDSVILLE 2 E | 5.23 | 1.02 | | | | | | | | .02 | .05 | .21 | | 1.84 | .02 | | | .18 | 1.10 | .12 | | | .05 | | .60 | .02 | | | | | | |
| BLACKWELLS MILLS | 5.73 | 1.80 | | | | | | | | | .01 | | 1.71 | .07 | .01 | | | 1.07 | .13 | | | .18 | | T | .75 | | | | | | | |
| BOONTON 1 SE | 4.45 | .74 | T | T | | | | | | T | .12 | .17 | | 1.42 | T | | T | .35 | .94 | T | | T | .05 | T | .62 | T | | | | | .04 | |
| BOUND BROOK 2 W | 4.37 | 1.04 | | T | | | | | | | T | .11 | | 1.68 | T | | | .17 | .85 | | | | .05 | | .47 | | | | | | | |
| BRANCHVILLE | 4.20 | .40 | | | | | | | | T | .13 | .15 | | 1.26 | | | | .68 | .62 | .14 | | T | .04 | T | .58 | | | | | | .20 | |
| CANISTEAR RESERVOIR | 4.08 | .64 | | | | | | | | T | .16 | .15 | | 1.16 | .05 | | T | .22 | 1.05 | .11 | | T | T | T | .54 | | | | | | | |
| CANOE BROOK | 5.16 | .94 | | | | | | | | T | .04 | .21 | | 1.81 | T | | T | .15 | 1.17 | .09 | | | .02 | T | .73 | | | | | | | |
| CEDAR GROVE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CHARLOTTEBURG | 5.00 | .77 | | | | | | | | T | .16 | .15 | | 1.36 | .14 | | T | .20 | 1.20 | .08 | T | | T | .02 | .70 | T | | | | | .22 | |
| CLINTON | 4.11 | .52 | | | | | | | | | T | .30 | 1.30 | T | .10 | | | 1.10 | .70 | | | T | | | .09 | | | | | | | |
| ELIZABETH | 4.15 | .68 | T | | | | | | | .05 | .12 | .03 | .35 | 1.40 | | | .03 | .89 | .55 | T | | | .04 | | | | | | | | .01 | |
| ESSEX FELLS SERV BLDG | 5.24 | .69 | | | | | | | | | .32 | .32 | | 1.68 | T | | | .18 | 1.20 | | | | T | | .85 | | | | | | T | |
| FLEMINGTON 1 NE | 4.51 | .58 | | T | | | | | | | | .18 | | 1.65 | T | | | .19 | 1.00 | .20 | | | .06 | .02 | .63 | T | | | | | | |
| GREENWOOD LAKE | 4.82 | .77 | | .02 | | | | | | | .12 | .13 | | 1.42 | .08 | | | .18 | 1.12 | .16 | | .01 | | | .65 | | | | | | .16 | |
| HIGH POINT PARK | D 4.75 | D .60 | T | T | | | | | | | .10 | .20 | | 1.00 | | | | .40 | .75 | .50 | | | | | .50 | .50 | | | | | .20 | |
| JERSEY CITY | D 4.88 | D .50 | | | | | | | | T | .99 | | .40 | .74 | | | T | .79 | 1.07 | T | | | T | .39 | T | | | | | T | | |
| LAMBERTVILLE | 4.37 | .40 | | T | | | | | | .01 | .12 | .01 | .52 | 1.11 | | | T | .65 | .94 | | | T | .12 | .49 | | | | | | | | |
| LAYTON 2 | 3.93 | .36 | | T | | | | | | T | .12 | .19 | | .70 | .01 | | | .78 | .71 | .41 | | .04 | .01 | T | .51 | | | | | | .09 | |
| LITTLE FALLS | 5.02 | 1.00 | | | | | | | | .01 | .12 | .17 | | 1.72 | .02 | | | .28 | 1.09 | .02 | | | .02 | .53 | T | | | | | .04 | | |
| LONG VALLEY | 3.98 | .73 | | T | | | | | | .02 | .06 | .21 | | 1.28 | | | T | .44 | .73 | .14 | | | .01 | | .36 | | | | | | T | |
| MAHWAH | 4.80 | .72 | T | | | | | | | | .16 | .12 | | 1.53 | .03 | | T | .50 | .87 | .04 | | .01 | | .01 | .67 | | | | | | .14 | |
| MANVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MIDLAND PARK | 5.29 | .84 | | T | | | | | | .06 | .19 | | 1.63 | .33 | | | .04 | 1.31 | .30 | | | | | .53 | T | | | | | .06 | | |
| MILTON | 4.47 | .60 | | | | | | | | .04 | .20 | .17 | | 1.00 | .18 | | | .28 | 1.01 | .11 | | | .01 | .05 | .51 | | | | | | .31 | |
| MORRIS PLAINS 1 W | 4.54 | .70 | | | | | | | | T | .09 | .22 | | 1.43 | T | | T | .24 | .98 | .04 | T | | .06 | T | .74 | | | | | | .04 | |
| NEWARK WB AIRPORT R | 3.59 | .15 | T | T | | | | | | .07 | .14 | | 1.10 | .48 | | | .01 | 1.09 | .19 | T | | | .02 | .34 | T | | | | | T | | |
| NEW MILFORD | 4.61 | .38 | .03 | | | | | | | .15 | .15 | | 1.26 | .43 | | | | 1.32 | .44 | | | | .07 | .30 | | | | | | .08 | | |
| NEWTON | 4.00 | .36 | | | | | | | | .01 | .15 | .21 | | 1.19 | T | | | .30 | .94 | .04 | | .01 | T | T | .55 | .09 | | | | | .15 | |
| OAK RIDGE RESERVOIR | 4.42 | .69 | | | | | | | | .03 | .26 | .18 | | 1.02 | .11 | | | .31 | 1.04 | .03 | | | | | .49 | | | | | | .26 | |
| OLDWICK | - | .76 | | | | | | | | T | .31 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PATERSON | 5.32 | 1.23 | | | | | | | | T | .14 | .15 | | 1.75 | .01 | | | .15 | 1.14 | T | | | .07 | T | .58 | T | | | | | .10 | |
| PHILLIPSBURG | 3.82 | .03 | | | | | | | | .06 | .28 | .07 | .09 | 1.12 | | | T | 1.34 | .36 | | | | .07 | .40 | T | | | | | | | |
| PHILLIPSBURG BRIDGE | 5.03 | | | | | | | | | .05 | | | | 2.39 | .40 | | | .63 | .95 | | | | | .61 | | | | | | | | |
| PLAINFIELD | 4.43 | .50 | | T | | | | | | .03 | .12 | | .64 | 1.14 | | | .01 | .79 | .56 | T | | | .04 | .60 | T | | | | T | T | | T |
| RAHWAY | 4.39 | .47 | | | | | | | | .05 | .06 | | 1.35 | .58 | | | .02 | 1.14 | .34 | | | | .03 | .35 | T | | | | | | | |
| RINGWOOD | 4.58 | .87 | | T | | | | | | | .12 | | .06 | 1.44 | .03 | | T | .42 | 1.00 | T | | | | .23 | .38 | | | | | | .03 | |
| SOMERVILLE | 4.16 | .50 | | T | | | | | | T | .18 | | 1.40 | .35 | | T | T | .83 | .35 | | | | .07 | .48 | T | | | | | | | T |
| SPLIT ROCK POND | 4.55 | .54 | | | | | | | | .01 | .14 | .18 | | 1.40 | .02 | | | .51 | .96 | | | | | | .63 | | | | | | .16 | |
| SUSSEX 1 SE | D 4.98 | .01 | | | | | | | | T | .15 | .16 | | 1.23D | .15 | | | 1.39 | .93 | .24 | | .03 | .03 | .01 | .49 | | | | | | .16 | |
| WANAQUE RAYMOND DAM | 4.06 | .60 | | | | | | | | | .14 | .10 | | 1.36 | T | | T | .18 | 1.00 | .02 | | T | T | | .58 | | | | | | .08 | |
| WERTSVILLE | 4.27 | .75 | | T | | | | | | | T | .11 | | 1.53 | .01 | | | .14 | 1.25 | .05 | | | .02 | .04 | .37 | | | | | | | |
| WEST WHARTON | 4.26 | .58 | | T | | | | | | .02 | .07 | .25 | | 1.22 | T | | | .42 | .91 | .10 | | | .04 | T | .53 | | | | | | .12 | |
| WOODCLIFF LAKE | 4.66 | .30 | | | | | | | | .17 | .15 | | 1.30 | .33 | | | | 1.23 | .51 | | | .05 | .03 | .45 | | | | | | .14 | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 4.99 | .13 | T | T | | | | | | T | .02 | T | 1.64 | .65 | | | | 1.68 | .48 | | | | | .39 | | | | | | T | | |
| AUDUBON | 5.68 | .70 | | | | | | | | T | .08 | | 1.92 | .62 | | | | .62 | 1.22 | | | | | .52 | | | | | | T | | T |
| BASS RIVER ST FOREST | 6.12 | 1.62 | | | | | | | | | | .07 | | 2.38 | .03 | | | | 1.47 | .33 | | | | | .22 | | | | | | | |
| BELLEPLAIN ST FOREST | 4.42 | .91 | | | | | | | | | T | | .87 | 1.29 | | | | .45 | .49 | T | | | | .41 | | | | | | | | |
| BURLINGTON | 5.19 | .65 | | | | | | | | .02 | .10 | | 1.35 | 1.15 | | | | .33 | 1.07 | | | | | .52 | | | | | | | | |
| CANTON | 3.85 | .81 | | | | | | | .08 | | | | .08 | 2.00 | | | | .46 | | | .01 | | | | .41 | | | | | | | |
| CHATSWORTH | 6.22 | 1.23 | | | | | | | | | .05 | | 1.03 | 1.43 | | | | .55 | 1.40 | | | | | .51 | .02 | | | | | | | |
| FORTESCUE | 3.95 | .70 | | | | | | | | | | | | 1.35 | | | | .60 | .70 | | | | | | .60 | | | | | | | |
| FREEHOLD | 6.35 | 1.57 | | | | | | | | | .02 | .07 | | 2.02 | .06 | | | .16 | 1.84 | .12 | .01 | | | | .47 | | | | | | .01 | |
| GLASSBORO | 5.24 | .80 | | | | | | | | | .02 | | | 2.00 | .38 | | | .25 | 1.05 | | | T | | | .74 | | | | | | | |
| HAMMONTON 2 NNE | 5.57 | 1.06 | | | | | | | | | | .02 | | 2.32 | .03 | | | .32 | 1.33 | .11 | | | | | .38 | | | | | | | |
| HIGHTSTOWN 1 N | 6.30 | .91 | | T | | | | | | .01 | .08 | | .48 | 2.06 | | | T | .83 | 1.40 | | | | | .53 | T | | | | | | | |
| INDIAN MILLS 2 W | 5.01 | .72 | | | | | | | | T | .04 | T | 1.10 | 1.12 | | | | .40 | 1.13 | | | | | .50 | | | | | | | | |
| MAYS LANDING 1 W | 6.04 | 1.65 | | | | | | | | | | .02 | T | 2.24 | .05 | | | T | 1.61 | .18 | | | | | .29 | | | | | | | |
| MILLVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MILLVILLE FAA AIRPORT | 4.49 | .28 | | | | | | | | T | .07 | .11 | 1.74 | .54 | | | | .77 | .45 | T | | | | .53 | | | | | | | | |
| MOORESTOWN | 5.90 | 1.02 | | | | | | | | T | .06 | | 2.74 | T | | | | | 1.52 | .10 | | | | | .46 | | | | | | | |
| NEW BRUNSWICK EXP STA | 4.44 | .10 | | | | | | | | | .07 | | .40 | 1.86 | | | T | .80 | .70 | | | | .02 | .49 | | | | | | | | |
| NEW MONMOUTH | 8.51 | .96 | | | | | | | | | 1.32 | T | 1.93 | 2.00 | .12 | | .01 | .55 | 1.12 | .03 | | | T | .35 | .07 | .01 | | | | T | .04 | |
| PEMBERTON 3 E | 5.96 | 1.04 | | | | | | | | T | .09 | | .96 | 1.57 | | | | .53 | 1.30 | | | | | .47 | | | | | | | | |
| PENNSAUKEN | 5.75 | .91 | | | | | | | | | T | .06 | T | 2.50 | .03 | | | T | 1.65 | .10 | | | | .10 | .40 | | | | | | | |
| PRINCETON WATER WORKS | 4.94 | .35 | | T | | | | | | T | .10 | T | 2.00 | T | | | | .79 | .99 | | | T | T | .71 | T | | | | | T | | T |
| SEABROOK FARMS | 5.25 | .80 | | | | | | | | | | .04 | .08 | 1.98 | .06 | | | 1.63 | .06 | | | | | | .60 | | | | | | | |
| SHILOH | 4.93 | .51 | | | | | | | | | | | 1.06 | 1.06 | | | | .63 | 1.14 | | | | | .53 | | | | | | | | |
| TOMS RIVER | 4.84 | .30 | | .01 | | | | | | | .03 | .07 | | 2.11 | | | | .06 | 1.65 | .12 | | | | .47 | T | | | | | | .02 | |
| TRENTON WB CITY R | 4.44 | .10 | T | T | | | | | | .01 | .10 | T | 1.80 | .45 | | | T | .64 | .76 | | | T | T | .56 | | | | | | .02 | | T |
| TUCKERTON | 5.68 | .95 | | T | | | | | | T | .03 | | 1.70 | .83 | | | | .99 | .68 | T | T | | | .50 | T | | | | | | | |
| WOODSTOWN | D 5.58 | .75 | | T | | | | | | T | .06 | .03D | .05 | 2.08 | | | T | .63 | 1.42 | .03 | .01 | | | .52 | T | | | | | | | T |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 4.05 | .05 | | | | | | | | | .03 | | 1.75 | .27 | | | | 1.21 | .35 | | | | | .39 | | | | | | | | |
| BELMAR 2 SW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CAPE MAY 3 W | 5.06 | .90 | | | | | | | | | .05 | .21 | .70 | .25 | 1.25 | | | .37 | .69 | .02 | | | | .58 | .04 | | | | | | | |
| LONG BRANCH 2 N | 6.18 | 1.42 | | | | | | | | .01 | .04 | .03 | 1.07 | 1.18 | | | T | .45 | 1.52 | | | | | .45 | T | | | | | | .01 | |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

NEW JERSEY
MARCH 1968

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 40 | 37 | 40 | 25 | 48 | 49 | 45 | 43 | 57 | 43 | 45 | 49 | 35 | 36 | 42 | 48 | 50 | 48 | 49 | 67 | 64 | 65 | 62 | 61 | 49 | 55 | 60 | 72 | 73 | 78 | 66 | 51.6 |
| | MIN | 32 | 27 | 12 | 15 | 23 | 28 | 18 | 16 | 19 | 32 | 36 | 29 | 31 | 19 | 21 | 26 | 37 | 42 | 43 | 35 | 38 | 43 | 46 | 29 | 25 | 26 | 30 | 35 | 37 | 42 | 31 | 29.8 |
| BOONTON 1 SE | MAX | 38 | 37 | 38 | 24 | 44 | 47 | 42 | 41 | 52 | 44 | 46 | 49 | 35 | 39 | 38 | 47 | 48 | 46 | 49 | 62 | 63 | 63 | 51 | 59 | 45 | 54 | 58 | 69 | 67 | 76 | 64 | 49.5 |
| | MIN | 31 | 27 | 13 | 14 | 20 | 27 | 18 | 18 | 24 | 28 | 32 | 29 | 29 | 19 | 18 | 25 | 38 | 42 | 40 | 36 | 40 | 44 | 45 | 30 | 28 | 25 | 34 | 37 | 39 | 45 | 31 | 29.9 |
| CANOE BROOK | MAX | 38 | 40 | 46 | 28 | 47 | 50 | 42 | 41 | 56 | 44 | 45 | 49 | 36 | 41 | 40 | 49 | 51 | 48 | 48 | 62 | 61 | 60 | 56 | 60 | 49 | 53 | 57 | 71 | 64 | 77 | 67 | 50.8 |
| | MIN | 31 | 26 | 15 | 13 | 25 | 27 | 18 | 15 | 32 | 29 | 32 | 29 | 28 | 16 | 19 | 22 | 34 | 39 | 39 | 34 | 32 | 38 | 42 | 28 | 27 | 26 | 35 | 35 | 36 | 45 | 46 | 29.5 |
| CHARLOTTEBURG | MAX | 37 | 34 | 36 | 20 | 42 | 43 | 38 | 37 | 53 | 44 | 49 | 44 | 35 | 34 | 35 | 44 | 46 | 44 | 45 | 60 | 62 | 61 | 51 | 56 | 41 | 50 | 56 | 68 | 64 | 76 | 65 | 47.4 |
| | MIN | 30 | 23 | 10 | 10 | 19 | 25 | 14 | 14 | 16 | 31 | 31 | 29 | 29 | 12 | 16 | 18 | 34 | 39 | 39 | 32 | 36 | 41 | 40 | 26 | 25 | 24 | 26 | 33 | 36 | 39 | 29 | 26.6 |
| ELIZABETH | MAX | 38 | 40 | 38 | 45 | 49 | 49 | 48 | 55 | 67 | 45 | 56 | 50 | 40 | 40 | 49 | 52 | 52 | 49 | 60 | 62 | 60 | 52 | 58 | 48 | 50 | 58 | 67 | 66 | 75 | 72 | 71 | 53.6 |
| | MIN | 31 | 28 | 16 | 19 | 20 | 22 | 23 | 21 | 22 | 23 | 41 | 30 | 29 | 18 | 24 | 34 | 45 | 44 | 45 | 39 | 47 | 43 | 38 | 32 | 28 | 29 | 37 | 41 | 40 | 48 | 35 | 32.0 |
| ESSEX FELLS SERV BLDG | MAX | 37 | 37 | 40 | 24 | 45 | 47 | 41 | 41 | 57 | 44 | 46 | 50 | 34 | 38 | 40 | 46 | 52 | 47 | 48 | 63 | 62 | 61 | 53 | 58 | 46 | 55 | 55 | 70 | 62 | 78 | 66 | 49.8 |
| | MIN | 31 | 26 | 13 | 14 | 24 | 29 | 18 | 20 | 30 | 31 | 32 | 30 | 29 | 18 | 21 | 32 | 40 | 41 | 42 | 32 | 41 | 44 | 40 | 28 | 26 | 27 | 35 | 38 | 38 | 45 | 33 | 30.6 |
| FLEMINGTON 1 NE | MAX | 36 | 38 | 42 | 22 | 49 | 48 | 44 | 40 | 57 | 49 | 45 | 48 | 35 | 37 | 39 | 48 | 50 | 47 | 51 | 64 | 64 | 61 | 52 | 63 | 46 | 52 | 60 | 71 | 69 | 78 | 66 | 50.7 |
| | MIN | 32 | 28 | 15 | 11 | 22 | 28 | 23 | 14 | 14 | 35 | 40 | 28 | 32 | 19 | 18 | 18 | 37 | 42 | 42 | 32 | 34 | 42 | 43 | 30 | 25 | 21 | 24 | 30 | 34 | 34 | 28 | 28.2 |
| HIGH POINT PARK | MAX | 32 | 31 | 34 | 19 | 38 | 39 | 36 | 34 | 53 | 46 | 46 | 43 | 32 | 32 | 41 | 48 | 47 | 46 | 45 | 64 | 61 | 53 | 54 | 52 | 35 | 50 | 54 | 65 | 61 | 72 | 66 | 46.1 |
| | MIN | 25 | 14 | 4 | 5 | 11 | 19 | 9 | 12 | 25 | 30 | 31 | 20 | 21 | 10 | 18 | 21 | 34 | 37 | 38 | 40 | 40 | 41 | 36 | 14 | 18 | 27 | 32 | 41 | 42 | 36 | 38 | 25.5 |
| JERSEY CITY | MAX | 39 | 39 | 38 | 44 | 48 | 41 | 38 | 57 | 47 | 45 | 51 | 40 | 41 | 40 | 42 | 49 | 49 | 47 | 61 | 54 | 56 | 51 | 54 | 47 | 52 | 47 | 63 | 59 | 74 | 65 | 62 | 49.7 |
| | MIN | 30 | 30 | 17 | 18 | 35 | 30 | 29 | 30 | 42 | 35 | 35 | 32 | 23 | 21 | 30 | 38 | 42 | 42 | 44 | 42 | 47 | 44 | 35 | 35 | 30 | 35 | 40 | 48 | 45 | 48 | 48 | 35.5 |
| LAMBERTVILLE | MAX | 39 | 44 | 41 | 50 | 50 | 46 | 43 | 58 | 50 | 46 | 49 | 45 | 39 | 41 | 50 | 56 | 55 | 51 | 66 | 64 | 65 | 59 | 63 | 48 | 54 | 61 | 73 | 76 | 80 | 75 | 74 | 55.2 |
| | MIN | 32 | 29 | 16 | 21 | 36 | 32 | 22 | 18 | 38 | 31 | 40 | 30 | 30 | 21 | 21 | 34 | 46 | 43 | 45 | 36 | 43 | 43 | 36 | 30 | 28 | 27 | 34 | 37 | 38 | 47 | 34 | 32.8 |
| LAYTON 2 | MAX | 37 | 38 | 38 | 24 | 45 | 43 | 44 | 39 | 59 | 41 | 45 | 48 | 32 | 33 | 37 | 49 | 48 | 46 | 46 | 64 | 63 | 57 | 55 | 57 | 44 | 53 | 60 | 71 | 73 | 80 | 64 | 49.5 |
| | MIN | 28 | 25 | 12 | 12 | 23 | 26 | 15 | 12 | 14 | 26 | 36 | 24 | 26 | 15 | 16 | 23 | 32 | 40 | 39 | 31 | 34 | 40 | 42 | 27 | 20 | 21 | 28 | 30 | 32 | 34 | 25 | 26.1 |
| LITTLE FALLS | MAX | 47 | 41 | 42 | 28 | 48 | 50 | 42 | 44 | 58 | 46 | 49 | 51 | 38 | 40 | 41 | 49 | 52 | 50 | 50 | 65 | 65 | 66 | 52 | 59 | 48 | 56 | 57 | 72 | 67 | 80 | 67 | 52.3 |
| | MIN | 29 | 28 | 15 | 17 | 26 | 30 | 20 | 20 | 34 | 32 | 37 | 30 | 29 | 20 | 23 | 32 | 40 | 42 | 43 | 39 | 43 | 44 | 42 | 30 | 29 | 30 | 38 | 40 | 41 | 47 | 36 | 32.5 |
| LONG VALLEY | MAX | 37 | 36 | 39 | 22 | 45 | 46 | 41 | 39 | 55 | 43 | 46 | 47 | 33 | 35 | 39 | 46 | 49 | 48 | 49 | 64 | 63 | 64 | 56 | 58 | 46 | 52 | 58 | 70 | 70 | 77 | 64 | 49.6 |
| | MIN | 30 | 24 | 9 | 14 | 18 | 26 | 11 | 14 | 13 | 29 | 35 | 29 | 26 | 14 | 14 | 18 | 37 | 40 | 40 | 31 | 31 | 43 | 41 | 26 | 22 | 23 | 22 | 28 | 32 | 34 | 27 | 25.8 |
| MORRIS PLAINS 1 W | MAX | 37 | 37 | 39 | 23 | 45 | 47 | 42 | 40 | 56 | 45 | 47 | 49 | 34 | 36 | 39 | 47 | 47 | 49 | 47 | 62 | 63 | 63 | 50 | 60 | 45 | 53 | 58 | 70 | 65 | 78 | 65 | 49.6 |
| | MIN | 31 | 26 | 7 | 14 | 22 | 27 | 18 | 17 | 23 | 22 | 22 | 30 | 28 | 16 | 19 | 21 | 37 | 41 | 42 | 34 | 40 | 44 | 41 | 28 | 26 | 24 | 29 | 34 | 37 | 42 | 31 | 28.2 |
| NEWARK WB AIRPORT | MAX | 40 | 41 | 32 | 46 | 48 | 42 | 40 | 56 | 49 | 46 | 51 | 39 | 42 | 40 | 44 | 50 | 50 | 49 | 63 | 62 | 56 | 51 | 59 | 45 | 52 | 52 | 69 | 60 | 79 | 66 | 69 | 51.2 |
| | MIN | 30 | 29 | 18 | 22 | 34 | 32 | 22 | 26 | 40 | 34 | 39 | 30 | 24 | 22 | 29 | 38 | 43 | 43 | 43 | 43 | 45 | 43 | 35 | 33 | 29 | 33 | 40 | 46 | 45 | 48 | 43 | 34.9 |
| NEWTON | MAX | 36 | 36 | 37 | 24 | 44 | 44 | 40 | 39 | 57 | 42 | 48 | 47 | 34 | 35 | 37 | 47 | 50 | 47 | 47 | 62 | 63 | 58 | 59 | 60 | 44 | 54 | 60 | 70 | 69 | 78 | 64 | 49.4 |
| | MIN | 30 | 25 | 11 | 11 | 23 | 25 | 15 | 14 | 22 | 31 | 32 | 27 | 28 | 17 | 18 | 30 | 35 | 41 | 41 | 31 | 39 | 43 | 43 | 28 | 25 | 24 | 31 | 32 | 34 | 42 | 28 | 28.3 |
| PATERSON | MAX | 41 | 40 | 42 | 23 | 47 | 48 | 40 | 40 | 57 | 48 | 49 | 51 | 42 | 40 | 40 | 45 | 52 | 50 | 52 | 62 | 66 | 62 | 56 | 59 | 48 | 52 | 57 | 70 | 68 | 80 | 66 | 51.4 |
| | MIN | 32 | 22 | 15 | 16 | 23 | 31 | 20 | 22 | 30 | 34 | 40 | 31 | 30 | 20 | 22 | 32 | 41 | 43 | 43 | 43 | 46 | 44 | 41 | 30 | 29 | 32 | 40 | 43 | 42 | 47 | 39 | 33.0 |
| PHILLIPSBURG | MAX | 38 | 42 | 42 | 49 | 51 | 50 | 45 | 58 | 59 | 47 | 48 | 49 | 37 | 41 | 50 | 51 | 52 | 50 | 66 | 67 | 67 | 66 | 62 | 49 | 55 | 61 | 72 | 78 | 80 | 80 | 75 | 56.0 |
| | MIN | 30 | 28 | 15 | 18 | 37 | 30 | 19 | 18 | 35 | 30 | 36 | 29 | 30 | 20 | 22 | 35 | 45 | 40 | 42 | 35 | 47 | 43 | 35 | 30 | 26 | 28 | 32 | 36 | 38 | 42 | 33 | 31.7 |
| PLAINFIELD | MAX | 40 | 41 | 34 | 47 | 51 | 44 | 42 | 58 | 48 | 46 | 51 | 40 | 40 | 41 | 50 | 54 | 50 | 50 | 64 | 65 | 60 | 51 | 63 | 48 | 54 | 61 | 72 | 65 | 80 | 67 | 75 | 53.3 |
| | MIN | 33 | 29 | 15 | 19 | 34 | 31 | 22 | 19 | 38 | 32 | 40 | 30 | 32 | 19 | 22 | 34 | 45 | 43 | 45 | 38 | 46 | 44 | 41 | 31 | 29 | 28 | 36 | 40 | 39 | 48 | 35 | 33.5 |
| SOMERVILLE | MAX | 40 | 42 | 38 | 48 | 50 | 43 | 41 | 57 | 50 | 46 | 49 | 45 | 37 | 39 | 49 | 56 | 54 | 52 | 64 | 64 | 61 | 55 | 63 | 47 | 52 | 61 | 71 | 69 | 79 | 74 | 75 | 53.9 |
| | MIN | 27 | 29 | | 18 | 35 | 30 | 21 | 15 | 36 | 29 | 39 | 29 | 29 | 20 | 34 | 35 | 47 | 43 | 45 | 38 | 46 | 44 | 36 | 30 | 27 | 27 | 34 | 37 | 37 | 37 | 31 | 32.8 |
| SUSSEX 1 SE | MAX | 36 | 37 | 38 | 23 | 45 | 42 | 40 | 39 | 55 | 42 | 48 | 49 | 36 | 36 | 36 | 46 | 48 | 51 | 46 | 59 | 62 | 55 | 54 | 59 | 43 | 52 | 58 | 68 | 70 | 77 | 62 | 48.8 |
| | MIN | 27 | 22 | 9 | 9 | 18 | 22 | 12 | 12 | 15 | 29 | 31 | 24 | 24 | 15 | 16 | 18 | 31 | 38 | 38 | 28 | 29 | 41 | 40 | 27 | 22 | 22 | 26 | 30 | 32 | 35 | 26 | 24.8 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 34 | 38 | 35 | 43 | 48 | 41 | 38 | 52 | 64 | 48 | 52 | 52 | 54 | 38 | 44 | 55 | 54 | 48 | 56 | 51 | 70 | 71 | 58 | 48 | 52 | 51 | 72 | 80 | 81 | 69 | 67 | 53.7 |
| | MIN | 27 | 26 | 16 | 18 | 32 | 27 | 23 | 21 | 36 | 34 | 33 | 33 | 23 | 18 | 20 | 38 | 47 | 45 | 40 | 36 | 38 | 40 | 35 | 32 | 27 | 29 | 39 | 38 | 44 | 45 | 41 | 32.3 |
| AUDUBON | MAX | 40 | 45 | 38 | 50 | 53 | 47 | 43 | 58 | 54 | 48 | 53 | 41 | 44 | 43 | 51 | 58 | 53 | 50 | 61 | 67 | 60 | 64 | 63 | 50 | 55 | 62 | 74 | 78 | 80 | 69 | 75 | 55.7 |
| | MIN | 30 | 28 | 14 | 23 | 34 | 33 | 25 | 24 | 40 | 37 | 40 | 33 | 30 | 23 | 27 | 39 | 45 | 44 | 45 | 39 | 40 | 44 | 35 | 32 | 30 | 31 | 37 | 43 | 44 | 48 | 43 | 34.8 |
| BELLEPLAIN ST FOREST | MAX | 39 | 45 | 41 | 46 | 52 | 50 | 43 | 54 | 69 | 60 | 54 | 51 | 55 | 44 | 47 | 58 | 55 | 52 | 56 | 60 | 71 | 77 | 65 | 52 | 55 | 55 | 73 | 77 | 80 | 76 | 71 | 57.5 |
| | MIN | 31 | 28 | 16 | 19 | 28 | 30 | 25 | 19 | 37 | 36 | 44 | 32 | 29 | 19 | 21 | 32 | 46 | 42 | 45 | 33 | 38 | 41 | 37 | 33 | 25 | 27 | 35 | 38 | 42 | 57 | 38 | 33.0 |
| BURLINGTON | MAX | 48 | 45 | | 48 | 50 | 46 | 42 | 57 | 50 | 50 | 49 | 45 | 42 | 41 | 51 | 57 | 56 | 50 | 62 | 66 | 64 | 64 | 64 | 58 | 57 | 61 | 72 | 76 | 80 | 78 | 75 | 56.8 |
| | MIN | 28 | 27 | 10 | 5 | 8 | 36 | 24 | 23 | 39 | 35 | 41 | 33 | 34 | 24 | 26 | 37 | 41 | 38 | 46 | 39 | 42 | 43 | 36 | 32 | 30 | 30 | 36 | 43 | 42 | 42 | 43 | 32.7 |
| CHATSWORTH | MAX | 38 | 42 | 43 | 47 | 49 | 48 | 41 | 56 | 57 | 53 | 52 | 49 | 54 | 41 | 47 | 59 | 58 | 54 | 58 | 66 | 67 | 71 | 61 | 49 | 53 | 56 | 71 | 76 | 79 | 74 | 72 | 56.2 |
| | MIN | 32 | 27 | 17 | 17 | 31 | 27 | 22 | 15 | 35 | 31 | 41 | 29 | 28 | 20 | 18 | 34 | 45 | 43 | 44 | 33 | 37 | 40 | 36 | 32 | 26 | 26 | 33 | 37 | 38 | 47 | 34 | 31.5 |
| FREEHOLD | MAX | 39 | 38 | 41 | 25 | 45 | 47 | 37 | 37 | 53 | 48 | 48 | 51 | 38 | 41 | 39 | 47 | 57 | 51 | 48 | 59 | 65 | 59 | 61 | 62 | 46 | 51 | 57 | 70 | 66 | 79 | 66 | 50.7 |
| | MIN | 30 | 26 | 15 | 15 | 23 | 29 | 22 | 19 | 33 | 32 | 37 | 32 | 29 | 17 | 24 | 33 | 42 | 42 | 42 | 37 | 40 | 40 | 36 | 23 | 26 | 29 | 36 | 40 | 38 | 47 | 36 | 31.3 |
| GLASSBORO | MAX | 35 | 35 | 38 | 27 | 45 | 46 | 45 | 42 | 51 | 53 | 40 | 50 | 45 | 40 | 39 | 43 | 54 | 55 | 48 | 58 | 64 | 69 | 68 | 58 | 46 | 52 | 59 | 75 | 76 | 76 | 76 | 51.9 |
| | MIN | 30 | 27 | 14 | 18 | 26 | 31 | 28 | 24 | 30 | 37 | 38 | 35 | 34 | 20 | 25 | 32 | 42 | 40 | 40 | 43 | 39 | 41 | 43 | 33 | 26 | 34 | 35 | 45 | 48 | 50 | 42 | 33.9 |
| HAMMONTON 2 NNE | MAX | 40 | 40 | 42 | 29 | 48 | 54 | 45 | 42 | 56 | 60 | 51 | 52 | 53 | 46 | 43 | 58 | 60 | 54 | 49 | 58 | 65 | 69 | 74 | 73 | 52 | 56 | 58 | 73 | 79 | 80 | 71 | 55.8 |
| | MIN | 31 | 26 | 17 | 18 | 25 | 30 | 25 | 24 | 34 | 37 | 42 | 34 | 32 | 20 | 27 | 35 | 44 | 43 | 43 | 36 | 38 | 40 | 42 | 32 | 28 | 29 | 36 | 41 | 43 | 50 | 41 | 33.6 |
| HIGHTSTOWN 1 N | MAX | 37 | 42 | 40 | 48 | 49 | 42 | 40 | 56 | 48 | 47 | 50 | 42 | 42 | 39 | 49 | 57 | 55 | 48 | 61 | 64 | 63 | 57 | 62 | 47 | 50 | 60 | 70 | 72 | 79 | 71 | 74 | 53.6 |
| | MIN | 32 | 28 | 16 | 19 | 35 | 32 | 23 | 20 | 37 | 31 | 39 | 31 | 28 | 20 | 24 | 34 | 46 | 43 | 45 | 39 | 42 | 43 | 36 | 30 | 27 | 30 | 36 | 40 | 40 | 47 | 40 | 33.3 |
| INDIAN MILLS 2 W | MAX | 36 | 42 | 40 | 47 | 49 | 45 | 40 | 55 | 56 | 50 | 50 | 41 | 46 | 39 | 48 | 59 | 54 | 48 | 58 | 65 | 67 | 70 | 63 | 48 | 52 | 58 | 70 | 79 | 79 | 72 | 74 | 54.8 |
| | MIN | 30 | 26 | 15 | 18 | 30 | 26 | 23 | 16 | 32 | 31 | 40 | 29 | 28 | 18 | 18 | 34 | 45 | 41 | 44 | 34 | 37 | 40 | 34 | 31 | 26 | 25 | 32 | 38 | 40 | 49 | 34 | 31.1 |
| MILLVILLE | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | MAX | 69 | 44 | 37 | 47 | 51 | 45 | 40 | 53 | 65 | 54 | 51 | 53 | 49 | 39 | 47 | 56 | 54 | 49 | 55 | 58 | 69 | 77 | 59 | 50 | 51 | 56 | 71 | 76 | 79 | 67 | 68 | 56.1 |
| | MIN | 29 | 29 | 17 | 20 | 32 | 34 | 21 | 21 | 41 | 39 | 37 | 33 | 26 | 22 | 22 | 39 | 47 | 44 | 40 | 35 | 39 | 41 | 35 | 33 | 30 | 32 | 40 | 40 | 51 | 46 | 37 | 33.9 |
| MOORESTOWN | MAX | 36 | 41 | 33 | 48 | 49 | 44 | 40 | 54 | 51 | 45 | 50 | 39 | 41 | 39 | 48 | 57 | 51 | 49 | 60 | 65 | 65 | 62 | 63 | 46 | 51 | 60 | 71 | 76 | 78 | 66 | 72 | 53.2 |
| | MIN | 31 | 27 | 15 | 20 | 28 | 32 | 23 | 22 | 38 | 40 | 39 | 32 | 31 | 22 | 25 | 37 | 44 | 42 | 42 | 41 | 40 | 44 | 34 | 32 | 29 | 30 | 35 | 40 | 41 | 48 | 43 | 33.8 |
| NEW BRUNSWICK EXP STA | MAX | 39 | 42 | 42 | 48 | 49 | 47 | 41 | 57 | 59 | 63 | 49 | 49 | 40 | 39 | 48 | 57 | 57 | 50 | 62 | 63 | 63 | 50 | 60 | 47 | 50 | 59 | 70 | 69 | 79 | 78 | 75 | 54.9 |
| | MIN | 35 | 29 | 15 | 18 | 34 | 34 | 22 | 21 | 40 | 34 | 39 | 30 | 28 | 20 | 23 | 35 | 46 | 43 | 45 | 39 | 44 | 41 | 36 | 26 | 27 | 27 | 37 | 42 | 39 | 48 | 39 | 33.4 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW MONMOUTH | MAX | 38 | 42 | 48 | 45 | 48 | 47 | 39 | 56 | 55 | 48 | 50 | 54 | 53 | 38 | 46 | 61 | 60 | 54 | 59 | 66 | 65 | 51 | 61 | 46 | 50 | 56 | 68 | 67 | 79 | 78 | 73 | 54.9 |
| | MIN | | 29 | 21 | 22 | 35 | 32 | 23 | 20 | 39 | 33 | 38 | 34 | | 30 | 23 | 36 | 43 | 40 | 42 | 39 | 43 | 40 | 38 | 35 | 29 | 31 | 36 | 41 | 38 | 51 | 40 | 34.5 |
| PEMBERTON 3 E | MAX | 36 | 42 | 34 | 45 | 49 | 43 | 41 | 57 | 55 | 48 | 54 | 45 | 44 | 42 | 49 | 58 | 52 | 50 | 59 | 67 | 64 | 66 | 62 | 50 | 52 | 58 | 71 | 76 | 80 | 73 | 74 | 54.7 |
| | MIN | 32 | 27 | 8 | 19 | 31 | 29 | 24 | 18 | 34 | 32 | 40 | 29 | 37 | 20 | 23 | 35 | 47 | 43 | 45 | 36 | 39 | 42 | 38 | 29 | 26 | 28 | 36 | 42 | 40 | 48 | 37 | 32.7 |
| SEABROOK FARMS | MAX | 40 | 35 | 45 | 28 | 48 | 51 | 47 | 40 | 54 | 62 | 52 | 56 | 49 | 42 | 39 | 47 | 58 | 50 | 49 | 57 | 61 | 69 | 77 | 56 | 49 | 53 | 58 | 71 | 76 | 79 | 67 | 53.7 |
| | MIN | 31 | 27 | 15 | 17 | 28 | 33 | 25 | 22 | 33 | 37 | 41 | 33 | 32 | 22 | 26 | 35 | 46 | 41 | 44 | 36 | 39 | 42 | 44 | 30 | 29 | 32 | 37 | 41 | 51 | 51 | 43 | 34.3 |
| SHILOH | MAX | 35 | 47 | 45 | 47 | 52 | 52 | 41 | 54 | 62 | 56 | 51 | 50 | 49 | 39 | 47 | 60 | 52 | 50 | 55 | 59 | 68 | 75 | 69 | 49 | 52 | 56 | 71 | 76 | 78 | 76 | 70 | 56.2 |
| | MIN | 30 | 27 | 17 | 17 | 30 | 32 | 24 | 24 | 38 | 40 | 43 | 32 | 28 | 21 | 25 | 36 | 45 | 42 | 44 | 36 | 39 | 42 | 36 | 32 | 29 | 32 | 37 | 43 | 49 | 49 | 48 | 34.4 |
| TOMS RIVER | MAX | 41 | 38 | 44 | 31 | 47 | 49 | 40 | 40 | 57 | 55 | 47 | 53 | 54 | 45 | 42 | 48 | 59 | 50 | 48 | 57 | 64 | 56 | 62 | 61 | 47 | 52 | 55 | 70 | 63 | 80 | 67 | 52.3 |
| | MIN | 32 | 26 | 15 | 13 | 29 | 27 | 23 | 18 | 34 | 31 | 40 | 30 | 32 | 19 | 21 | 31 | 47 | 42 | 44 | 36 | 35 | 38 | 40 | 30 | 26 | 28 | 36 | 39 | 38 | 49 | 36 | 31.8 |
| TRENTON WB CITY | MAX | 38 | 43 | 36 | 49 | 49 | 42 | 40 | 56 | 49 | 47 | 49 | 40 | 41 | 39 | 49 | 58 | 52 | 50 | 63 | 64 | 65 | 57 | 64 | 46 | 51 | 59 | 70 | 75 | 78 | 65 | 72 | 53.4 |
| | MIN | 33 | 30 | 17 | 23 | 38 | 33 | 25 | 28 | 43 | 40 | 39 | 31 | 26 | 24 | 30 | 40 | 46 | 44 | 46 | 41 | 45 | 42 | 36 | 32 | 32 | 34 | 41 | 46 | 45 | 51 | 46 | 36.4 |
| TUCKERTON | MAX | 40 | 42 | 40 | 48 | 52 | 40 | 42 | 55 | 56 | 47 | 54 | 44 | 51 | 41 | 44 | 52 | 53 | 49 | 56 | 55 | 62 | 61 | 56 | 50 | 54 | 50 | 72 | 75 | 79 | 67 | 63 | 53.2 |
| | MIN | 31 | 27 | 16 | 17 | 30 | 27 | 22 | 22 | 32 | 33 | 40 | 34 | 28 | 19 | 21 | 35 | 43 | 42 | 44 | 35 | 38 | 39 | 36 | 32 | 26 | 31 | 38 | 38 | 42 | 51 | 40 | 32.5 |
| WOODSTOWN | MAX | 37 | 44 | 44 | 51 | 52 | 49 | 43 | 55 | 57 | 53 | 50 | 47 | 41 | 40 | 48 | 60 | 57 | 50 | 59 | 64 | 66 | 69 | 66 | 49 | 53 | 59 | 72 | 78 | 79 | 73 | 71 | 56.0 |
| | MIN | 30 | 27 | 13 | 21 | 31 | 30 | 24 | 21 | 35 | 35 | 42 | 32 | 30 | 21 | 24 | 32 | 48 | 45 | 44 | 35 | 40 | 43 | 36 | 28 | 29 | 29 | 35 | 40 | 44 | 49 | 40 | 33.3 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 38 | 48 | 40 | 49 | 53 | 43 | 39 | 49 | 52 | 49 | 54 | 51 | 52 | 42 | 43 | 52 | 52 | 49 | 54 | 48 | 58 | 58 | 57 | 51 | 50 | 48 | 62 | 65 | 72 | 69 | 57 | 51.7 |
| | MIN | 32 | 31 | 21 | 24 | 36 | 34 | 29 | 31 | 41 | 40 | 41 | 37 | 29 | 24 | 35 | 43 | 45 | 44 | 46 | 39 | 40 | 44 | 38 | 35 | 32 | 41 | 45 | 49 | 46 | 53 | 49 | 37.9 |
| CAPE MAY 3 W | MAX | 41 | 44 | 43 | 42 | 49 | 49 | 42 | 47 | 56 | 51 | 49 | 46 | 42 | 42 | | | 54 | 54 | 45 | 45 | 63 | 64 | 53 | 48 | 50 | 51 | 65 | | 75 | 69 | 65 | 51.6 |
| | MIN | 30 | 31 | 22 | 26 | 36 | 38 | 29 | 29 | 38 | 36 | 34 | 31 | 34 | 17 | | | 34 | 42 | 40 | 39 | 38 | 43 | 41 | 34 | 35 | 38 | 41 | | 44 | 51 | 44 | 35.5 |
| LONG BRANCH 2 N | MAX | 39 | 40 | 38 | 44 | 47 | 40 | 37 | 52 | 48 | 43 | 50 | 45 | 43 | 39 | 41 | 50 | 48 | 46 | 59 | 55 | 50 | 44 | 57 | 47 | 51 | 47 | 59 | 58 | 76 | 73 | 62 | 49.3 |
| | MIN | 32 | 29 | 17 | 19 | 33 | 33 | 25 | 23 | 37 | 34 | 38 | 32 | 29 | 21 | 26 | 34 | 42 | 42 | 43 | 40 | 39 | 38 | 37 | 27 | 29 | 33 | 38 | 42 | 41 | 49 | 42 | 33.7 |

# SUPPLEMENTAL DATA

| Station | Wind (Speed - m.p.h.) | | | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | EASTERN STANDARD TIME | | | | | | | | | | | | |
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1 AM | 7 AM | 1 PM | 7 PM | Trace | .01–.09 | .10–.49 | .50–.99 | 1.00–1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 27 | 4.6 | 12.8 | 38++ | 30 | 01 | 80 | 83 | 59 | 69 | 5 | 1 | 3 | 1 | 2 | 0 | 12 | 54 | 6.5 |
| ATLANTIC CITY ST. MARINA | - | - | - | 52 | WNW | 01 | - | - | - | - | 0 | 2 | 3 | 0 | 2 | 0 | 7 | - | - |
| NEWARK WB AIRPORT | 31 | 4.3 | 12.3 | 39++ | 30 | 01 | 68 | 72 | 55 | 59 | 5 | 3 | 5 | 0 | 2 | 0 | 15 | - | 7.1 |
| TRENTON WB CITY | - | - | - | 49 | NW | 01 | - | - | - | - | 7 | 2 | 3 | 3 | 1 | 0 | 16 | 60 | 6.8 |

# SNOWFALL AND SNOW ON GROUND

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 28 | 27 | 28 | 29 | 30 | 31 |
| * * *<br>NORTHERN 01 | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BELVIDERE | SNOWFALL | .3 | T | T |  |  |  |  |  |  |  |  |  | 1.0 | T |  |  |  |  |  |  |  |  |  | T | T |  |  |  |  |  |  |
| | SN ON GND | T |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CHARLOTTEBURG | SNOWFALL | 5.5 |  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | SN ON GND | 5 | 4 | 3 | 3 | 2 | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FLEMINGTON 1 NE | SNOWFALL | T |  | T |  |  |  |  |  |  |  |  |  | 1.0 | T |  |  |  |  |  |  |  |  |  |  | .5 |  |  |  |  |  |  |
| | SN ON GND | T |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LAMBERTVILLE | SNOWFALL | T |  | T |  |  |  |  |  |  |  |  | .5 | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | SN ON GND |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LITTLE FALLS | SNOWFALL | 1.3 |  |  |  |  |  |  |  |  |  |  |  |  | .5 |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |
| | SN ON GND | 1 | T |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LONG VALLEY | SNOWFALL |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | SN ON GND |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MORRIS PLAINS 1 W | SNOWFALL |  |  |  |  |  |  |  |  |  |  |  |  | 1.0 | T |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |
| | SN ON GND |  |  |  |  |  |  |  |  |  |  |  |  | T | T |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |
| NEWARK WB AIRPORT | SNOWFALL | 1.0 | T | T |  |  |  |  |  |  |  |  | .4 | .3 |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |
| | SN ON GND | 1 |  | T |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | WTR EQUIV |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NEWTON | SNOWFALL | 1.0 |  |  |  |  |  |  |  |  |  |  |  | 1.0 |  |  |  |  |  |  |  |  |  | T | T | T |  |  |  |  |  |  |
| | SN ON GND | T |  |  |  |  |  |  |  |  |  |  |  | 1 | T | T |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |
| PATERSON | SNOWFALL | .3 |  |  |  |  |  |  |  |  |  |  |  | T | .2 |  |  |  |  |  |  |  |  |  | T | T |  |  |  |  |  |  |
| | SN ON GND |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PHILLIPSBURG | SNOWFALL |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | SN ON GND |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PLAINFIELD | SNOWFALL | .5 |  | T |  |  |  |  |  |  |  |  | .5 | .3 |  |  |  |  |  |  |  |  |  | T | T |  |  |  |  |  |  |  |
| | SN ON GND |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RAHWAY | SNOWFALL | 1.0 |  |  |  |  |  |  |  |  |  |  | .7 | .1 |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |
| | SN ON GND | 1 | T |  |  |  |  |  |  |  |  |  | T | T |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |
| SOMERVILLE | SNOWFALL |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |
| | SN ON GND |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WANAQUE RAYMOND DAM | SNOWFALL | 2.0 |  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | SN ON GND | 2 | T | T |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| * * *<br>SOUTHERN 02 | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY WB AP | SNOWFALL | 1.7 |  | T |  |  |  |  |  |  |  |  | T | .1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | SN ON GND | 4 | 1 | T | T |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | WTR EQUIV | .3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BASS RIVER ST FOREST | SNOWFALL | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | SN ON GND | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FREEHOLD | SNOWFALL |  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |
| | SN ON GND |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HIGHTSTOWN 1 N | SNOWFALL | 2.8 |  | T |  |  |  |  |  |  |  |  | 1.0 | .5 |  |  |  |  |  |  |  |  |  | T | T |  |  |  |  |  |  |  |
| | SN ON GND | 1 | T | T | T |  |  |  |  |  |  |  | T | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| INDIAN MILLS 2 W | SNOWFALL | 3.5 |  |  |  |  |  |  |  |  |  |  | T | T |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |
| | SN ON GND | 2 | 1 | 1 | T |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAYS LANDING 1 W | SNOWFALL | 6.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | SN ON GND | 6 | 4 | 3 | 2 | 1 | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MILLVILLE FAA AIRPORT | SNOWFALL | 1.4 |  |  |  |  |  |  |  |  |  |  | T | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | SN ON GND | 3 | 2 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MOORESTOWN | SNOWFALL | 1.0 |  |  |  |  |  |  |  |  |  |  | 3.0 |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |
| | SN ON GND | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NEW BRUNSWICK EXP STA | SNOWFALL | 1.0 |  |  |  |  |  |  |  |  |  |  | 1.0 | 1.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | SN ON GND | T |  |  |  |  |  |  |  |  |  |  | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PEMBERTON 3 E | SNOWFALL | 4.5 |  |  |  |  |  |  |  |  |  |  | 2.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | SN ON GND | 3 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SEABROOK FARMS | SNOWFALL | - |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | SN ON GND | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TRENTON WB CITY | SNOWFALL | .5 | T | T |  |  |  |  |  |  |  |  | .7 | T |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |
| | SN ON GND | T | T | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |
| * * *<br>COASTAL 03 | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LONG BRANCH 2 N | SNOWFALL | 5.0 |  |  |  |  |  |  |  |  |  |  | 1.0 | .6 |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |
| | SN ON GND | 3 | 2 | 2 | 1 | T | T |  |  |  |  |  | T | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

See Reference Notes Following Station Index

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES |  |  |  | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) |  |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 |  |  |  | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID |  | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P |  |  | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 |  | 9A |  | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P |  |  | BELLEPLAIN STATE FOREST |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 |  | 7A |  |  | WALTER J SCHANCK |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A |  | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 |  | 7A |  |  | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 |  | 7A |  |  | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A |  |  | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 |  | 7A |  |  | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P |  |  | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 |  | 8A |  |  | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A |  | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 |  | 9A |  |  | GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 58 | 10 | 5P | 5P |  | C | N.WEST MAGNESITE CO. |
| CEDAR GROVE | 1472 | 01 | ESSEX | 8 | 40 52 | 74 13 | 400 |  | 8A |  |  | J. A. PLUNKETT |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 |  |  |  | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A |  | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P |  |  | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 |  | 8A |  |  | ANDREW F DROPPE |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P |  |  | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A |  | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A |  | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 |  | 7A |  |  | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A |  | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A |  | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 |  | 7A |  |  | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A |  |  | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A |  |  | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P |  | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P |  | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID |  |  | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P |  | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A |  |  | CHARLES KOONS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A |  | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 N | 4987 | 03 | MONMOUTH | 1 | 40 20 | 74 00 | 10 | 6P | 6P |  | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A |  | M | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 |  |  |  | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 |  | 7A |  |  | ROBERT G. GLASGOW |
| MANVILLE | 5197 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | JOHN L. RADCLIFFE |
| MARLBORO SCS | 5244 | 02 | MONMOUTH | 1 | 40 20 | 74 14 | 120 |  |  |  | C | GEROW BRILL |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 |  |  |  | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 |  | 9A |  | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 |  | MID |  |  | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | MID |  | C H | L. J. GALLAHER |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID |  | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 |  | 7A |  |  | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A |  | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A |  | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK EXP STA | 6062 | 02 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | 5P | 5P |  | H | ARTHUR H. AHLQUIST |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 |  | MID |  | C | HACKENSACK WATER CO. |
| NEW MONMOUTH | 6154 | 02 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P |  |  | ST. MARYS SCHOOL |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A |  | C H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 |  | 8A |  |  | NEWARK WATER DEPT. |
| OLDWICK | 6544 | 01 | HUNTERDON | 10 | 40 40 | 74 45 | 260 |  | 8A |  |  | DAN A. COUGHLIN |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A |  | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PENNSAUKEN | 6863 | 02 | CAMDEN | 2 | 39 57 | 75 04 | 60 |  | 9A |  |  | CAMDEN COUNTY PLNG BD. |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 3P | 3P |  | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 |  | 7A |  |  | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P |  | H | MRS VIVIAN SCHERER |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 |  | MID |  |  | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 |  | MID |  | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 |  | 10A |  |  | NO. JERSEY WTR. SUPPLY |
| RUTGERS MICRO-MET STA | 7831 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 |  |  | 8A | CG | RUTGERS UNIV |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P |  |  | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P |  | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 |  | 10A |  |  | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 |  |  |  | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A |  |  | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A |  |  | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P |  |  | LAWRENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 |  | 8A |  | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 |  |  |  | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 |  | 7A |  |  | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 |  | 7A |  |  | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 |  | MID |  | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P |  |  | CREAM VALLEY DAIRY |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING.

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc , of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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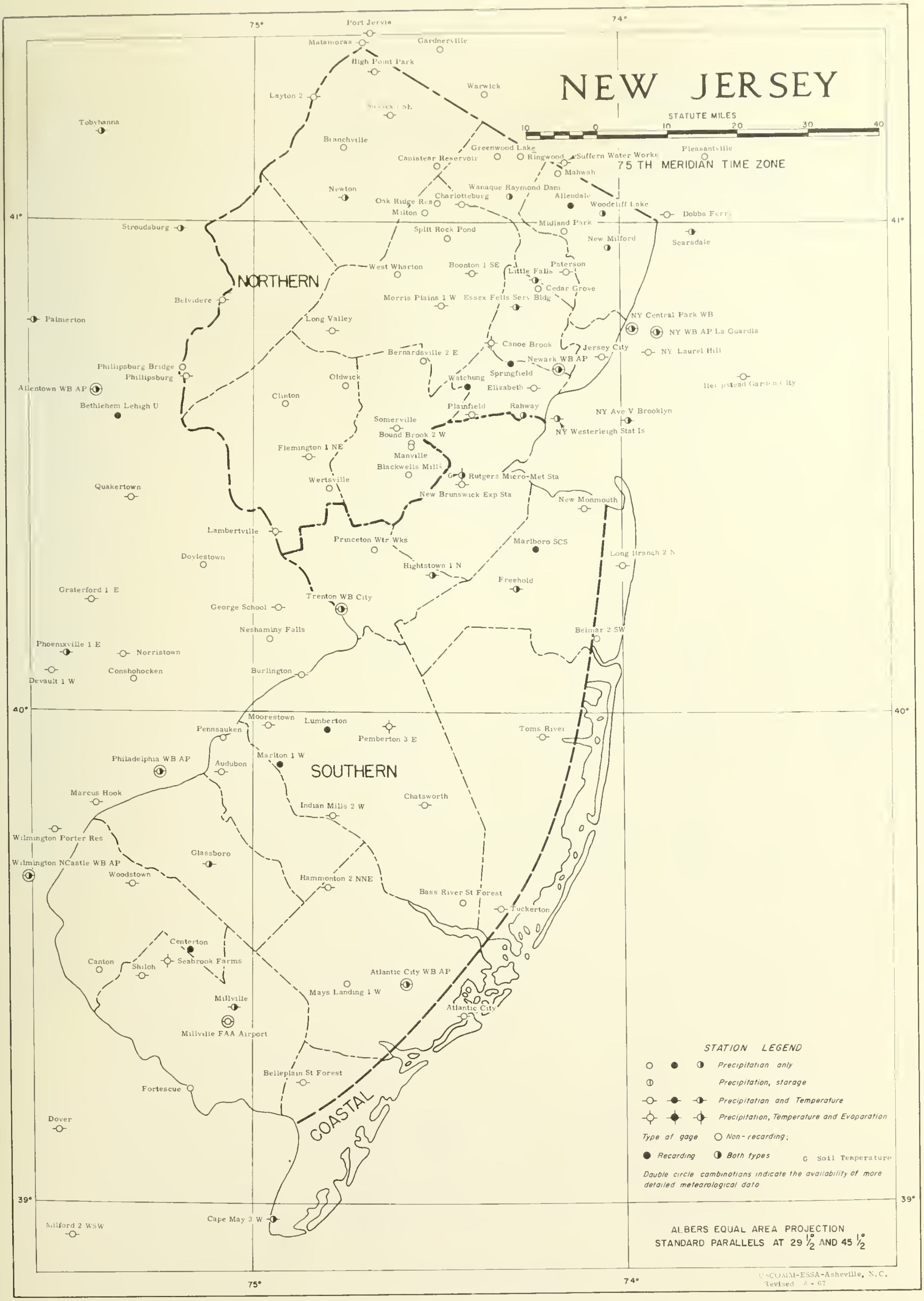
NEW JERSEY
STATUTE MILES
10 0 10 20 30 40
75 TH MERIDIAN TIME ZONE
75°
74°
41°
40°
39°
NORTHERN
SOUTHERN
COASTAL
Port Jervis
Matamoras
Gardnerville
High Point Park
Warwick
Layton 2
Sussex 1 SE
Tobyhanna
Branchville
Greenwood Lake
Canistear Reservoir
Ringwood
Suffern Water Works
Pleasantville
Mahwah
Newton
Wanaque Raymond Dam
Charlotteburg
Allendale
Oak Ridge Res
Woodcliff Lake
Milton
Dobbs Ferry
Stroudsburg
Midland Park
Split Rock Pond
New Milford
Scarsdale
West Wharton
Boonton 1 SE
Paterson
Little Falls
Cedar Grove
Belvidere
Morris Plains 1 W
Essex Fells Serv Bldg
Palmerton
Long Valley
NY Central Park WB
NY WB AP La Guardia
Canoe Brook
Bernardsville 2 E
Jersey City
NY Laurel Hill
Newark WB AP
Phillipsburg Bridge
Phillipsburg
Springfield
Oldwick
Watchung
Hempstead Garden City
Allentown WB AP
Elizabeth
Clinton
Bethlehem Lehigh U
Plainfield
Rahway
NY Ave V Brooklyn
Somerville
NY Westerleigh Stat Is
Bound Brook 2 W
Flemington 1 NE
Manville
Blackwells Mills
G
Rutgers Micro-Met Sta
Wertsville
Quakertown
New Brunswick Exp Sta
New Monmouth
Lambertville
Princeton Wtr Wks
Marlboro SCS
Doylestown
Long Branch 2 N
Hightstown 1 N
Freehold
Graterford 1 E
Trenton WB City
George School
Neshaminy Falls
Belmar 2 SW
Phoenixville 1 E
Norristown
Conshohocken
Burlington
Devault 1 W
Moorestown
Lumberton
Pennsauken
Pemberton 3 E
Toms River
Philadelphia WB AP
Audubon
Marlton 1 W
Marcus Hook
Chatsworth
Indian Mills 2 W
Wilmington Porter Res
Glassboro
Wilmington NCastle WB AP
Woodstown
Hammonton 2 NNE
Bass River St Forest
Tuckerton
Centerton
Canton
Shiloh
Seabrook Farms
Atlantic City WB AP
Mays Landing 1 W
Millville
Atlantic City
Millville FAA Airport
Belleplain St Forest
Fortescue
Dover
Cape May 3 W
Milford 2 WSW
STATION LEGEND
○ ● ◑ Precipitation only
⦶ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
-○- -●- -◑- Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording;
● Recording ◑ Both types
G Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
USCOMM-ESSA-Asheville, N.C.
Revised 8-67

551.05
UNNJ

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C. R. SMITH, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
APRIL 1968
Volume 73 No. 4

THE LIBRARY OF THE
JUN 19 1968
UNIVERSITY OF ILLINOIS

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 65.6 | 38.0 | 51.8 | .7 | 83 | 14 | 28 | 7+ | 388 | 0 | 0 | 6 | 0 | 2.70 | - 1.44 | 2.20 | 25 | .0 | 0 | | 3 | 1 | 1 |
| BOONTON 1 SE | 64.0 | 37.7 | 50.9 | 1.9 | 83 | 14 | 28 | 7+ | 415 | 0 | 0 | 3 | 0 | 2.60 | - 1.26 | 2.14 | 25 | .0 | 0 | | 2 | 1 | 1 |
| CANOE BROOK | 66.2 | 37.2 | 51.7 | 3.0 | 83 | 14 | 26 | 7+ | 394 | 0 | 0 | 8 | 0 | 2.28 | - 1.74 | 1.95 | 25 | .0 | 0 | | 2 | 1 | 1 |
| CHARLOTTEBURG | 63.8 | 36.9 | 50.4 | 2.4 | 81 | 14 | 26 | 6 | 432 | 0 | 0 | 7 | 0 | 3.08 | - 1.13 | 2.56 | 25 | .0 | 0 | | 4 | 1 | 1 |
| ELIZABETH | 65.8 | 41.3 | 53.6 | 1.7 | 81 | 13 | 29 | 6 | 337 | 0 | 0 | 2 | 0 | 1.97 | - 1.98 | .95 | 25 | .0 | 0 | | 3 | 2 | 0 |
| ESSEX FELLS SERV BLDG | 66.1 | 39.3 | 52.7 | | 85 | 14 | 27 | 6+ | 363 | 0 | 0 | 4 | 0 | 2.46 | | 2.10 | 25 | .0 | 0 | | 3 | 1 | 1 |
| FLEMINGTON 1 NE | 65.4 | 33.7 | 49.6 | - 1.6 | 81 | 14 | 23 | 2 | 456 | 0 | 0 | 17 | 0 | 2.70 | - 1.10 | 2.37 | 25 | .0 | 0 | | 2 | 1 | 1 |
| HIGH POINT PARK | 62.8 | 37.0 | 49.9 | | 83 | 14 | 25 | 2 | 447 | 0 | 0 | 6 | 0 | 3.66 | | 2.85 | 25 | .0 | 0 | | 5 | 1 | 1 |
| JERSEY CITY | 62.5 | 45.0 | 53.8 | 3.3 | 78 | 13 | 32 | 6 | 332 | 0 | 0 | 1 | 0 | 2.47 | - 1.12 | 1.83 | 24 | .0 | 0 | | 3 | 1 | 1 |
| LAMBERTVILLE | 67.5 | 39.0 | 53.3 | 2.2 | 79 | 18+ | 27 | 6 | 347 | 0 | 0 | 4 | 0 | 2.74 | - .90 | 1.72 | 24 | .0 | 0 | | 4 | 2 | 1 |
| LAYTON 2 | 66.6 | 33.0 | 49.8 | | 85 | 14 | 22 | 6 | 449 | 0 | 0 | 16 | 0 | 3.64 | | 2.96 | 25 | .0 | 0 | | 4 | 1 | 1 |
| LITTLE FALLS | 68.1 | 41.8 | 55.0 | 4.3 | 85 | 14 | 29 | 6 | 294 | 0 | 0 | 3 | 0 | 2.62 | - 1.64 | 2.12 | 25 | .0 | 0 | | 3 | 1 | 1 |
| LONG VALLEY | 64.5 | 33.2 | 48.9 | | 82 | 14 | 24 | 8+ | 477 | 0 | 0 | 15 | 0 | 3.14 | - .83 | 2.17 | 25 | .0 | 0 | | 3 | 1 | 1 |
| MORRIS PLAINS 1 W | 64.9 | 37.2 | 51.1 | | 82 | 14 | 25 | 2 | 410 | 0 | 0 | 7 | 0 | 2.89 | | 2.23 | 25 | .0 | 0 | | 3 | 1 | 1 |
| NEWARK WB AIRPORT R | 64.5 | 43.4 | 54.0 | 2.7 | 79 | 13 | 32 | 6 | 325 | 0 | 0 | 1 | 0 | 2.24 | - 1.27 | 1.56 | 24 | .0 | 0 | | 2 | 1 | 1 |
| NEWTON | 66.1 | 34.9 | 50.5 | 2.2 | 84 | 14 | 26 | 6 | 428 | 0 | 0 | 14 | 0 | 3.27 | - .56 | 2.50 | 25 | .0 | 0 | | 3 | 1 | 1 |
| PATERSON | 66.7 | 42.0 | 54.4 | 3.3 | 83 | 14 | 30 | 6 | 314 | 0 | 0 | 2 | 0 | 2.60 | - 1.47 | 2.20 | 25 | .0 | 0 | | 3 | 1 | 1 |
| PHILLIPSBURG | 69.7 | 38.6 | 54.2 | 3.5 | 85 | 14 | 28 | 6 | 315 | 0 | 0 | 5 | 0 | 2.90 | - 1.17 | 1.29 | 25 | .0 | 0 | | 4 | 2 | 2 |
| PLAINFIELD | 67.1 | 40.3 | 53.7 | 2.8 | 83 | 13 | 28 | 7+ | 333 | 0 | 0 | 3 | 0 | 2.81 | - 1.06 | 1.37 | 24 | .0 | 0 | | 5 | 2 | 1 |
| SOMERVILLE | 67.1 | 38.3 | 52.7 | 2.1 | 83 | 13 | 26 | 7+ | 359 | 0 | 0 | 6 | 0 | 2.29 | - 1.36 | 1.36 | 24 | .0 | 0 | | 3 | 1 | 1 |
| SUSSEX 1 SE | 64.1M | 31.8M | 48.0M | - 1.1 | 83 | 14 | 23 | 6 | 505 | 0 | 0 | | 0 | 2.98 | - .97 | 2.18 | 25 | .0 | 0 | | 4 | 1 | 1 |
| DIVISION | | | 51.9 | 1.9 | | | | | | | | | | 2.76 | - 1.15 | | | .0 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 62.8 | 39.1 | 51.0 | .0 | 82 | 13 | 23 | 7 | 417 | 0 | 0 | 4 | 0 | 1.50 | - 1.91 | 1.13 | 24 | .0 | 0 | | 3 | 1 | 1 |
| AUDUBON | 67.6 | 41.7 | 54.7 | | 82 | 13 | 30 | 7+ | 302 | 0 | 0 | 2 | 0 | 2.03 | | 1.46 | 24 | .0 | 0 | | 5 | 1 | 1 |
| BELLEPLAIN ST FOREST | 66.1 | 38.0 | 52.1 | | 78 | 13 | 21 | 7 | 380 | 0 | 0 | 10 | 0 | 1.19 | - 2.28 | .71 | 25 | .0 | 0 | | 2 | 1 | 0 |
| BURLINGTON | 68.7 | 42.5 | 55.6 | 2.3 | 82 | 13 | 31 | 6 | 272 | 0 | 0 | 1 | 0 | 1.89 | - 1.55 | .80 | 24 | .0 | 0 | | 5 | 1 | 0 |
| CHATSWORTH | 66.3 | 36.7M | 51.5M | | 83 | 13 | 22 | 7 | 403 | 0 | 0 | 9 | 0 | 1.66 | | 1.15 | 25 | .0 | 0 | | 2 | 1 | 1 |
| FREEHOLD | 65.4 | 39.2 | 52.3 | 1.5 | 82 | 14 | 26 | 7+ | 375 | 0 | 0 | 4 | 0 | 1.84 | - 1.74 | 1.64 | 25 | .0 | 0 | | 1 | 1 | 1 |
| GLASSBORO | 65.8 | 40.8 | 53.3 | | 81 | 14 | 28 | 7 | 346 | 0 | 0 | 1 | 0 | 1.44 | | 1.29 | 24 | .0 | 0 | | 1 | 1 | 1 |
| HAMMONTON 2 NNE | 67.0 | 41.7 | 54.4 | 2.1 | 84 | 14 | 27 | 7 | 314 | 0 | 0 | 3 | 0 | 1.91 | - 1.69 | 1.88 | 25 | .0 | 0 | | 1 | 1 | 1 |
| HIGHTSTOWN 1 N | 66.5 | 39.8 | 53.2 | 2.3 | 82 | 13 | 27 | 6 | 346 | 0 | 0 | 3 | 0 | 1.87 | - 1.51 | .67 | 25+ | .0 | 0 | | 3 | 2 | 0 |
| INDIAN MILLS 2 W | 66.6 | 37.1 | 51.9 | .5 | 82 | 13 | 21 | 7 | 388 | 0 | 0 | 9 | 0 | 1.92 | - 1.50 | .96 | 24 | .0 | 0 | | 3 | 2 | 0 |
| MILLVILLE | 66.5 | 39.5 | 53.0 | | 82 | 15 | 24 | 7 | 353 | 0 | 0 | 4 | 0 | 1.38 | | 1.14 | 25 | .0 | 0 | | 1 | 1 | 1 |
| MILLVILLE FAA AIRPORT | 64.7 | 40.4 | 52.6 | | 79 | 13 | 25 | 7 | 366 | 0 | 0 | 3 | 0 | 1.45 | | 1.04 | 24 | .0 | 0 | | 2 | 1 | 1 |
| MOORESTOWN | 65.2 | 40.1 | 52.7 | 1.3 | 80 | 13 | 28 | 6 | 364 | 0 | 0 | 2 | 0 | 1.56 | - 1.88 | 1.20 | 25 | .0 | 0 | | 2 | 1 | 1 |
| NEW BRUNSWICK EXP STA | 67.7 | 41.8 | 54.8 | 3.7 | 82 | 13 | 28 | 7+ | 304 | 0 | 0 | 3 | 0 | 1.64 | - 1.84 | .92 | 25 | .0 | 0 | | 2 | 2 | 0 |
| NEW MONMOUTH | 65.9 | 41.8 | 53.9 | | 80 | 13 | 28 | 7 | 325 | 0 | 0 | 2 | 0 | 1.68 | | 1.29 | 25 | .0 | 0 | | 3 | 1 | 1 |
| PEMBERTON 3 E | 66.5 | 38.4 | 52.5 | .2 | 80 | 13 | 24 | 7 | 367 | 0 | 0 | 7 | 0 | 1.75 | - 1.70 | .92 | 25 | .0 | 0 | | 2 | 2 | 0 |
| SEABROOK FARMS | 65.2 | 42.0 | 53.6 | | 80 | 15 | 27 | 7 | 337 | 0 | 0 | 3 | 0 | 1.93 | | 1.71 | 25 | .0 | 0 | | 1 | 1 | 1 |
| SHILOH | 66.2 | 41.8 | 54.0 | 1.3 | 81 | 14 | 28 | 7 | 326 | 0 | 0 | 2 | 0 | 1.54 | - 1.57 | .66 | 24 | .0 | 0 | | 3 | 2 | 0 |
| TOMS RIVER | 64.3 | 38.2 | 51.3 | | 82 | 14 | 22 | 6 | 404 | 0 | 0 | 7 | 0 | 1.44 | | 1.33 | 25 | .0 | 0 | | 1 | 1 | 1 |
| TRENTON WB CITY R | 65.4 | 44.2 | 54.8 | 3.1 | 81 | 13 | 33 | 6 | 298 | 0 | 0 | 0 | 0 | 1.49 | - 1.72 | 1.21 | 24 | .0 | 0 | | 1 | 1 | 1 |
| TUCKERTON | 61.9 | 38.6 | 50.3 | | 81 | 13 | 22 | 7 | 435 | 0 | 0 | 4 | 0 | 1.51 | | .92 | 24 | .0 | 0 | | 3 | 1 | 0 |
| WOODSTOWN | 66.9 | 39.4 | 53.2 | | 80 | 14 | 26 | 7 | 348 | 0 | 0 | 3 | 0 | 1.80 | | .60 | 25 | .0 | 0 | | 5 | 2 | 0 |
| DIVISION | | | 53.0 | 1.6 | | | | | | | | | | 1.66 | - 1.79 | | | .0 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 59.1 | 46.0 | 52.6 | 2.7 | 76 | 9 | 34 | 6 | 371 | 0 | 0 | 0 | 0 | 1.13 | - 2.25 | .89 | 24 | | | | 1 | 1 | 0 |
| CAPE MAY 3 W | 61.6M | 44.1M | 52.9M | | 74 | 13 | 30 | 11 | 357 | 0 | 0 | 1 | 0 | 1.47 | | .92 | 25 | .0 | 0 | | 5 | 1 | 0 |
| LONG BRANCH 2 N | 61.0 | 43.7 | 52.4 | 2.8 | 76 | 13 | 32 | 7 | 373 | 0 | 0 | 1 | 0 | 1.65 | - 1.98 | .78 | 25 | .0 | 0 | | 2 | 2 | 0 |
| DIVISION | | | 52.6 | 2.6 | | | | | | | | | | 1.42 | - 1.90 | | | .0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>4 STATIONS | 85 | DATE | 14 |
| LOWEST TEMPERATURE<br>2 STATIONS | 21 | DATE | 07 |
| GREATEST TOTAL PRECIPITATION<br>HIGH POINT PARK | 3.66 | | |
| LEAST TOTAL PRECIPITATION<br>FORTESCUE | 1.12 | | |
| GREATEST 1 DAY PRECIPITATION<br>LAYTON 2 | 2.96 | DATE | 25 |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 2.70 | .27 | T | | T | .11 | | | | .03 | | | | | | | T | | | | | | | | .06 | 2.20 | | .03 | | | | . |
| BERNARDSVILLE 2 E | 2.32 | .12 | | | .02 | .16 | | | | .04 | | | | | | | | | | | | | | | .03 | 1.92 | | | .03 | | | . |
| BLACKWELLS MILLS | 2.14 | .04 | | | | .20 | .01 | | | .10 | | | | | | | | | | | | | | | T | 1.75 | | | .04 | | | . |
| BOONTON 1 SE | 2.60 | .08 | T | | T | .25 | | | | .09 | | T | | | | | T | | | | | | | | .02 | 2.14 | T | .02 | | | | . |
| BOUND BROOK 2 W | 1.86 | .08 | | | | .17 | | | | T | | | | | | | | | | | | | | | T | 1.59 | | .02 | | | | . |
| BRANCHVILLE | 3.23 | .24 | | | T | .19 | | | | .12 | | | | | | | | | | | | | | | .06 | 2.60 | | .02 | | | | . |
| CANISTEAR RESERVOIR | 2.81 | .16 | T | | T | .18 | | | | .03 | | | | | | | T | | | | | | | | .03 | 2.41 | | T | | | | . |
| CANOE BROOK | 2.28 | .09 | T | | T | .12 | | | | .05 | | | | | | | .01 | | | | | | | | .01 | 1.95 | | .05 | | | | . |
| CEDAR GROVE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| CHARLOTTEBURG | 3.08 | .12 | .01 | T | T | .24 | | | | .13 | | | | | | | T | | | | | | | | .02 | 2.56 | | T | | | | . |
| CLINTON | 1.97 | .15 | | | | | | | | | | | | | | | | | | | | | | | T | 1.76 | | .06 | | | | . |
| ELIZABETH | 1.97 | .08 | | | | .13 | | | .03 | | | | | | | | | | | | | | | | .78 | .95 | | T | | | | . |
| ESSEX FELLS SERV BLDG | 2.46 | .10 | | | T | .15 | | | | .08 | | | | | | | | | | | | | | | | 2.10 | | | .03 | | | . |
| FLEMINGTON 1 NE | 2.70 | .05 | .02 | | | .20 | | | | .06 | | | | | | | | | | | | | | | | 2.37 | | | | | | . |
| GREENWOOD LAKE | 3.20 | .12 | .02 | | .01 | .12 | .01 | | | .09 | | | | | | | | | | | | | | | .04 | 2.76 | | | .03 | | | . |
| HIGH POINT PARK | 3.66 | .28 | | | | .28 | | | .10 | | | | | | | | | | | | | | | | .10 | 2.85 | | .05 | | | | . |
| JERSEY CITY | 2.47 | .12 | | | T | .04 | | | T | | | | | | | | | | | | | | | | 1.83 | T | | | | | .48 | . |
| LAMBERTVILLE | 2.74 | .07 | | | | .24 | | | .01 | | | | | | | | | | | | | | | | 1.72 | .56 | .01 | .02 | | | .11 | . |
| LAYTON 2 | 3.64 | .25 | .01 | | | .17 | | | | .14 | | | | | | | | | | | | | | T | .09 | 2.96 | | .02 | | | | . |
| LITTLE FALLS | 2.62 | .17 | | | T | .20 | | | | .09 | | T | | | | | T | | | | | | | | .01 | 2.12 | | .03 | T | | | . |
| LONG VALLEY | 3.14 | .42 | | | .01 | .40 | | | | .08 | | | | | | | | | | | | | | | .02 | 2.17 | | | .04 | | | . |
| MAHWAH | 2.41 | .11 | .02 | | .01 | .15 | | | | .14 | | | | | | | | | | | | | | | .01 | 1.95 | | .02 | | | | . |
| MANVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| MIDLAND PARK | 2.77 | .12 | | | .02 | .17 | | | .07 | | | | | | | | | | | | | | | | 2.02 | .03 | | .06 | | | .28 | . |
| MILTON | 3.03 | .20 | .04 | | | .23 | | | | .11 | | | | | | | | | | | | | | | .05 | 2.40 | | | | | | . |
| MORRIS PLAINS 1 W | 2.89 | .12 | | | T | .40 | | | | .08 | | T | | | | | .02 | | | | | | | | .04 | 2.23 | | T | T | | | . |
| NEWARK WB AIRPORT R | 2.24 | .08 | | | .04 | .09 | | | .03 | | | | | | | .01 | | | | | | | T | T | 1.56 | .02 | | .05 | | | .36 | . |
| NEW MILFORD | 2.71 | .12 | | | | .10 | | | .08 | | | | | | | | | | | | | | | | 2.06 | .05 | | | | | .30 | . |
| NEWTON | 3.27 | .37 | | | .01 | .25 | | | | .06 | | | | | | | | | | | | | | T | .05 | 2.50 | | .03 | | | | . |
| OAK RIDGE RESERVOIR | 2.82 | .19 | | | .02 | .16 | | | | .11 | | | | | | | | | | | | | | | .08 | 2.24 | | .02 | | | | . |
| OLDWICK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| PATERSON | 2.60 | .13 | | | | .16 | | | | .06 | | | | | | T | | | | | | | | T | .02 | 2.20 | | | .03 | | | . |
| PHILLIPSBURG | 2.90 | .32 | | | | .20 | | | .08 | | | | | | | | | | | | | | | | 1.01 | 1.29 | | | | | | . |
| PHILLIPSBURG BRIDGE | 2.84 | .32 | | | | .21 | | | | | | | | | | | | | | | | | | | 2.02 | | | | | | .29 | . |
| PLAINFIELD | 2.81 | .10 | | | T | .25 | | | .04 | | | | | | | T | | | | | | | T | | 1.37 | .42 | | .09 | | | .54 | . |
| RAHWAY | 2.03 | .10 | | | .04 | .02 | | | | | | | | | | | | | | | | | | | 1.45 | | | .04 | | | .38 | . |
| RINGWOOD | 2.37 | .07 | | | T | .07 | | | .10 | T | | | | | | | | | | | | | | | .58 | 1.55 | | T | | | | . |
| SOMERVILLE | 2.29 | .08 | | | | .07 | | | .04 | | | | | | | | | | | | | | T | | 1.36 | .43 | | .05 | | | .26 | . |
| SPLIT ROCK POND | 3.16 | .23 | | | .02 | .28 | | | | .11 | | | | | | | .01 | | | | | | | | .02 | 2.47 | | .02 | | | | . |
| SUSSEX 1 SE | 2.98 | .21 | .04 | | | .24 | T | | | .27 | | T | | | | | T | | | | | | | | .03 | 2.18 | | .01 | | | | . |
| WANAQUE RAYMOND DAM | 2.74 | .04 | | | T | .14 | | | | .08 | | | | | | | T | | | | | | | | T | 2.48 | | T | | | | . |
| WERTSVILLE | 2.42 | .05 | T | | | .13 | | | .06 | T | | | | | | | T | | | | | | | | .06 | 2.10 | | .02 | | | | . |
| WEST WHARTON | 3.09 | .18 | .02 | | .01 | .30 | | | | .05 | | | | | | | | | | | | | | | .02 | 2.47 | | T | .04 | | | . |
| WOODCLIFF LAKE | 2.62 | .10 | | | | .15 | | | .07 | | | | | | | | | | | | | | | | 1.95 | .05 | | | | | .30 | . |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 1.50 | .04 | | | | .11 | | | .01 | | | T | | | | T | | | | | | | | T | 1.13 | | | .04 | | | .17 | . |
| AUDUBON | 2.03 | .15 | | | .05 | | | | .10 | | | | | | | T | | | | | | T | T | | 1.46 | .12 | | T | | | .15 | . |
| BASS RIVER ST FOREST | 2.20 | .05 | | | | .05 | | | | .03 | | | | | | .01 | | | | | | | | | | 1.30 | | .68 | .08 | | | . |
| BELLEPLAIN ST FOREST | 1.19 | .06 | | | | | | | | | | | | | | T | | | | | | | | | .30 | .71 | | .04 | .08 | | | . |
| BURLINGTON | 1.89 | .10 | | | | .04 | | | .10 | | | | | | | | | | | | | | | | .80 | .45 | | T | | | .40 | . |
| CANTON | 1.17 | .06 | | | | | | | | .09 | | | | | | | | | | | | | | | .04 | .98 | | | | | | . |
| CHATSWORTH | 1.66 | .09 | | | | | | | | | | | | | | | | | | | | | | | .40 | 1.15 | | .02 | | | | . |
| FORTESCUE | 1.12 | | | | | | | | | | | | | | | | | | | | | | | | | 1.07 | | | .05 | | | . |
| FREEHOLD | 1.84 | .08 | T | | | .03 | | | | .05 | | | | | | | .02 | | | | | | | | T | 1.64 | | | .02 | | | . |
| GLASSBORO | 1.44 | .04 | .05 | | | | | | | | | | | | | T | | | | | | | T | | 1.29 | | | .06 | | | | . |
| HAMMONTON 2 NNE | 1.91 | | .02 | | | | | | | | | | | | | | | | | | | | | | | 1.88 | | | .01 | | | . |
| HIGHTSTOWN 1 N | 1.87 | .05 | | | T | .03 | | | .04 | | | | | | | T | | | | | | | T | | .67 | .67 | | .02 | | | .39 | . |
| INDIAN MILLS 2 W | 1.92 | .07 | | | | .03 | | | T | | | | | | | T | | | | | | | | | .96 | .61 | | T | | | .25 | . |
| MAYS LANDING 1 W | 1.40 | T | .01 | | | T | .01 | | | .02 | | | | | | | T | | | | | | | | T | 1.28 | | | .08 | | | . |
| MILLVILLE | 1.38 | .05 | .07 | | | T | T | | | .05 | | | | | | | T | | | | | | | | T | 1.14 | | | .07 | | | . |
| MILLVILLE FAA AIRPORT | 1.45 | .05 | | | T | .01 | | | .06 | | | | | | | T | | | | | | | | T | 1.04 | | | .07 | | | .22 | . |
| MOORESTOWN | 1.56 | .05 | | | | | .10 | | | .08 | | | | | | .05 | T | | | | | | T | | .06 | 1.20 | | .02 | | | | . |
| NEW BRUNSWICK EXP STA | 1.64 | .07 | | | | T | | | T | | | | | | | T | | | | | | | | | .65 | .92 | | | | | | . |
| NEW MONMOUTH | 1.68 | .12 | | T | | .03 | | | .02 | | | | | | | | | | | | | | | | .18 | 1.29 | .01 | .03 | | | | . |
| PEMBERTON 3 E | 1.75 | .04 | | | | .07 | | | .06 | .03 | | | | | | | | | | | | | | | .63 | .92 | | | | | | . |
| PENNSAUKEN | 1.92 | .15 | | | | .05 | | | | .14 | | | | | | T | | | | | | | T | | .08 | 1.50 | | | | | | . |
| PRINCETON WATER WORKS | 2.27 | T | | | T | .07 | | | .50 | | | | | | | | | | | | | | T | T | 1.58 | .01 | | T | | | .11 | . |
| SEABROOK FARMS | 1.93 | .04 | .04 | | | .02 | | | | .04 | | | | | | T | .01 | | | | | | | | .02 | 1.71 | | | .05 | | | . |
| SHILOH | 1.54 | .12 | | | | .01 | | | .03 | T | | | | | | .02 | | | | | | | | | .66 | .65 | | .05 | | | | . |
| TOMS RIVER | 1.44 | .04 | .02 | | | | | | | | | | | | | | | | | | | | | | .02 | 1.33 | | | .03 | | | . |
| TRENTON WB CITY R | 1.49 | .08 | | | .01 | .02 | | | .06 | | | | | | | T | | | | | | T | .01 | | 1.21 | T | | .01 | | | .09 | . |
| TUCKERTON | 1.51 | | | | | .02 | | | .07 | | | T | | | | .01 | | | | | | | T | | .92 | .26 | | .09 | | | .14 | . |
| WOODSTOWN | 1.80 | .17 | | | | .10 | | | .06 | | | | | | | .01 | | | | | | | T | | .50 | .60 | | .06 | | | .30 | . |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 1.13 | .04 | | | | .03 | | | .01 | | | | | | | .01 | | | | | | | | | .89 | | | .07 | | | .08 | . |
| BELMAR 2 SW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| CAPE MAY 3 W | 1.47 | .14 | | | | .15 | | | | | | | | | | .02 | | | | | | | | | .10 | .92 | | .03 | .11 | | | . |
| LONG BRANCH 2 N | 1.65 | .07 | | | | .02 | | | .04 | | | | | | | T | | | | | | | .03 | | .67 | .78 | | .04 | | | | . |

# SUPPLEMENTAL DATA

| Station | Wind (Speed - m.p.h.) | | | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | EASTERN STANDARD TIME | | | | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| | | | | | | | 1 AM | 7 AM | 1 PM | 7 PM | | | | | | | | | |
| ATLANTIC CITY WB AIRPORT | 21 | 2.1 | 10.8 | 29++ | 24 | 04 | 80 | 78 | 45 | 64 | 3 | 3 | 2 | 0 | 1 | 0 | 9 | 61 | 5.8 |
| ATLANTIC CITY ST. MARINA | - | - | - | 39 | NW | 01 | - | - | - | - | 0 | 6 | 0 | 1 | 0 | 0 | 7 | - | - |
| NEWARK WB AIRPORT | 23 | 2.5 | 11.1 | 29++ | 22 | 04+ | 60 | 63 | 39 | 47 | 2 | 7 | 1 | 0 | 1 | 0 | 11 | - | 5.1 |
| TRENTON WB CITY | - | - | - | 28 | S | 24+ | - | - | - | - | 3 | 7 | 0 | 0 | 1 | 0 | 11 | 71 | 5.3 |

# DAILY TEMPERATURES

NEW JERSEY
APRIL 1968

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 72 | 53 | 62 | 65 | 72 | 58 | 53 | 59 | 59 | 72 | 62 | 63 | 67 | 83 | 78 | 60 | 69 | 70 | 77 | 77 | 77 | 68 | 60 | 59 | 60 | 52 | 64 | 65 | 66 | 66 | | 65.6 |
| | MIN | 47 | 29 | 34 | 40 | 52 | 28 | 28 | 32 | 41 | 37 | 34 | 30 | 36 | 42 | 36 | 39 | 30 | 34 | 41 | 42 | 43 | 49 | 45 | 45 | 41 | 40 | 43 | 33 | 33 | 36 | | 38.0 |
| BOONTON 1 SE | MAX | 73 | 50 | 60 | 65 | 70 | 49 | 54 | 58 | 60 | 67 | 63 | 61 | 69 | 83 | 71 | 55 | 63 | 70 | 76 | 71 | 75 | 70 | 57 | 56 | 59 | 57 | 63 | 65 | 65 | 65 | | 64.0 |
| | MIN | 41 | 33 | 35 | 45 | 44 | 28 | 28 | 29 | 39 | 40 | 38 | 34 | 36 | 43 | 36 | 34 | 42 | 35 | 38 | 43 | 38 | 46 | 41 | 44 | 36 | 36 | 39 | 38 | 36 | 36 | | 37.7 |
| CANOE BROOK | MAX | 70 | 53 | 63 | 66 | 72 | 62 | 57 | 60 | 64 | 71 | 65 | 63 | 69 | 83 | 69 | 69 | 66 | 72 | 77 | 72 | 76 | 71 | 58 | 54 | 60 | 56 | 65 | 69 | 66 | 69 | | 66.2 |
| | MIN | 40 | 30 | 36 | 48 | 53 | 26 | 26 | 31 | 42 | 36 | 33 | 29 | 35 | 38 | 30 | 39 | 38 | 31 | 35 | 39 | 40 | 47 | 38 | 44 | 42 | 38 | 41 | 41 | 32 | 37 | | 37.2 |
| CHARLOTTEBURG | MAX | 70 | 48 | 58 | 64 | 70 | 57 | 53 | 57 | 58 | 69 | 62 | 59 | 68 | 81 | 72 | 65 | 64 | 70 | 75 | 78 | 73 | 70 | 54 | 55 | 57 | 51 | 62 | 65 | 62 | 66 | | 63.6 |
| | MIN | 34 | 30 | 34 | 43 | 49 | 26 | 28 | 30 | 39 | 45 | 35 | 29 | 38 | 41 | 36 | 38 | 38 | 34 | 35 | 45 | 37 | 43 | 41 | 42 | 40 | 37 | 41 | 37 | 31 | 32 | | 36.9 |
| ELIZABETH | MAX | 66 | 62 | 62 | 69 | 67 | 52 | 55 | 59 | 70 | 66 | 63 | 65 | 81 | 78 | 66 | 65 | 69 | 72 | 66 | 73 | 72 | 67 | 57 | 61 | 59 | 65 | 69 | 68 | 67 | 63 | | 65.8 |
| | MIN | 48 | 44 | 46 | 50 | 50 | 29 | 31 | 35 | 52 | 40 | 39 | 35 | 39 | 50 | 40 | 41 | 39 | 38 | 39 | 39 | 40 | 47 | 44 | 46 | 44 | 38 | 38 | 39 | 38 | 42 | | 41.3 |
| ESSEX FELLS SERV BLDG | MAX | 75 | 56 | 62 | 67 | 72 | 60 | 54 | 58 | 62 | 74 | 65 | 63 | 70 | 85 | 68 | 70 | 68 | 72 | 78 | 75 | 75 | 72 | 55 | 57 | 58 | 54 | 62 | 65 | 67 | 65 | | 66.1 |
| | MIN | 46 | 27 | 36 | 45 | 52 | 27 | 28 | 33 | 42 | 40 | 36 | 32 | 40 | 45 | 48 | 40 | 34 | 36 | 39 | 45 | 40 | 47 | 40 | 45 | 42 | 38 | 45 | 35 | 35 | 40 | | 39.3 |
| FLEMINGTON 1 NE | MAX | 74 | 61 | 60 | 65 | 73 | 58 | 52 | 59 | 61 | 72 | 64 | 62 | 68 | 81 | 71 | 61 | 67 | 70 | 77 | 75 | 74 | 71 | 56 | 52 | 63 | 53 | 65 | 66 | 65 | 65 | | 65.4 |
| | MIN | 30 | 23 | 25 | 31 | 53 | 28 | 25 | 25 | 34 | 32 | 31 | 29 | 29 | 34 | 34 | 40 | 31 | 32 | 32 | 38 | 38 | 42 | 43 | 43 | 43 | 38 | 38 | 30 | 29 | 31 | | 33.7 |
| HIGH POINT PARK | MAX | 69 | 45 | 58 | 62 | 63 | 56 | 53 | 56 | 55 | 69 | 65 | 59 | 62 | 83 | 74 | 60 | 64 | 65 | 75 | 72 | 71 | 62 | 63 | 55 | 55 | 50 | 66 | 63 | 64 | 71 | | 62.8 |
| | MIN | 34 | 25 | 35 | 45 | 44 | 28 | 29 | 33 | 38 | 37 | 37 | 31 | 34 | 46 | 40 | 32 | 34 | 45 | 45 | 46 | 39 | 43 | 39 | 39 | 34 | 33 | 37 | 30 | 36 | 41 | | 37.0 |
| JERSEY CITY | MAX | 62 | 61 | 64 | 71 | 63 | 50 | 50 | 57 | 73 | 59 | 61 | 62 | 78 | 66 | 65 | 65 | 66 | 71 | 62 | 74 | 67 | 55 | 51 | 55 | 54 | 64 | 64 | 64 | 62 | 58 | | 62.5 |
| | MIN | 40 | 36 | 44 | 49 | 37 | 32 | 34 | 40 | 55 | 48 | 43 | 42 | 51 | 52 | 47 | 45 | 47 | 47 | 47 | 47 | 45 | 49 | 45 | 48 | 45 | 43 | 50 | 51 | 48 | 44 | | 45.0 |
| LAMBERTVILLE | MAX | 68 | 62 | 66 | 73 | 70 | 54 | 62 | 63 | 73 | 68 | 64 | 71 | 79 | 78 | 61 | 75 | 73 | 79 | 77 | 70 | 68 | 62 | 56 | 61 | 60 | 68 | 67 | 65 | 66 | 65 | | 67.5 |
| | MIN | 46 | 28 | 36 | 51 | 51 | 27 | 28 | 36 | 50 | 36 | 34 | 31 | 37 | 42 | 38 | 40 | 33 | 37 | 42 | 39 | 42 | 47 | 44 | 45 | 43 | 40 | 44 | 33 | 34 | 37 | | 39.0 |
| LAYTON 2 | MAX | 73 | 50 | 61 | 66 | 72 | 60 | 56 | 60 | 57 | 71 | 65 | 61 | 71 | 85 | 81 | 65 | 67 | 73 | 78 | 80 | 78 | 75 | 59 | 64 | 58 | 53 | 65 | 61 | 64 | 68 | | 66.6 |
| | MIN | 37 | 23 | 25 | 30 | 49 | 22 | 23 | 29 | 41 | 31 | 32 | 25 | 33 | 35 | 30 | 35 | 26 | 28 | 32 | 35 | 37 | 45 | 43 | 45 | 38 | 35 | 40 | 28 | 27 | 32 | | 33.0 |
| LITTLE FALLS | MAX | 74 | 54 | 63 | 68 | 74 | 62 | 58 | 61 | 63 | 74 | 66 | 63 | 72 | 85 | 74 | 69 | 67 | 74 | 80 | 75 | 77 | 74 | 59 | 59 | 60 | 55 | 67 | 79 | 69 | 69 | | 68.1 |
| | MIN | 46 | 32 | 43 | 49 | 55 | 29 | 32 | 35 | 43 | 45 | 39 | 35 | 42 | 47 | 40 | 42 | 38 | 39 | 43 | 47 | 42 | 50 | 44 | 45 | 45 | 41 | 46 | 40 | 38 | 42 | | 41.8 |
| LONG VALLEY | MAX | 72 | 50 | 60 | 64 | 70 | 57 | 55 | 58 | 57 | 71 | 62 | 61 | 68 | 82 | 71 | 64 | 67 | 70 | 76 | 75 | 75 | 71 | 56 | 55 | 59 | 52 | 63 | 64 | 65 | 64 | | 64.5 |
| | MIN | 37 | 24 | 25 | 30 | 48 | 26 | 24 | 24 | 30 | 34 | 30 | 27 | 33 | 38 | 32 | 36 | 36 | 30 | 32 | 41 | 38 | 41 | 41 | 41 | 38 | 35 | 38 | 29 | 29 | 30 | | 33.2 |
| MORRIS PLAINS I W | MAX | 73 | 51 | 62 | 65 | 71 | 59 | 53 | 59 | 60 | 71 | 64 | 60 | 70 | 82 | 69 | 62 | 65 | 71 | 76 | 74 | 76 | 71 | 56 | 54 | 59 | 52 | 64 | 67 | 66 | 66 | | 64.9 |
| | MIN | 36 | 25 | 35 | 45 | 52 | 28 | 28 | 30 | 36 | 44 | 35 | 30 | 37 | 41 | 35 | 34 | 40 | 34 | 40 | 43 | 38 | 47 | 43 | 44 | 41 | 37 | 40 | 31 | 32 | 35 | | 37.2 |
| NEWARK WB AIRPORT | MAX | 64 | 62 | 65 | 73 | 63 | 50 | 55 | 59 | 73 | 65 | 63 | 65 | 79 | 66 | 69 | 67 | 67 | 71 | 68 | 76 | 68 | 57 | 53 | 60 | 54 | 65 | 68 | 67 | 63 | 59 | | 64.5 |
| | MIN | 40 | 34 | 42 | 50 | 36 | 32 | 34 | 38 | 51 | 48 | 43 | 40 | 45 | 50 | 46 | 43 | 45 | 42 | 46 | 48 | 45 | 48 | 44 | 46 | 45 | 41 | 48 | 43 | 44 | 44 | | 43.4 |
| NEWTON | MAX | 73 | 49 | 60 | 67 | 71 | 58 | 55 | 61 | 59 | 72 | 65 | 61 | 70 | 84 | 77 | 67 | 67 | 71 | 79 | 78 | 75 | 73 | 58 | 60 | 59 | 54 | 64 | 62 | 65 | 68 | | 66.1 |
| | MIN | 31 | 27 | 31 | 43 | 50 | 26 | 27 | 30 | 43 | 35 | 31 | 27 | 35 | 38 | 32 | 37 | 28 | 30 | 34 | 37 | 38 | 41 | 41 | 44 | 41 | 39 | 40 | 30 | 30 | 32 | | 34.9 |
| PATERSON | MAX | 71 | 57 | 62 | 69 | 74 | 63 | 53 | 60 | 64 | 74 | 67 | 64 | 68 | 83 | 74 | 63 | 67 | 71 | 77 | 72 | 77 | 71 | 59 | 57 | 58 | 57 | 65 | 68 | 67 | 69 | | 66.7 |
| | MIN | 45 | 35 | 38 | 45 | 55 | 30 | 32 | 36 | 41 | 45 | 41 | 41 | 44 | 48 | 42 | 41 | 42 | 41 | 42 | 47 | 42 | 46 | 41 | 45 | 44 | 40 | 45 | 41 | 41 | 43 | | 42.0 |
| PHILLIPSBURG | MAX | 74 | 62 | 66 | 73 | 74 | 57 | 62 | 62 | 73 | 73 | 65 | 69 | 84 | 85 | 76 | 69 | 72 | 80 | 79 | 78 | 78 | 67 | 58 | 61 | 61 | 67 | 68 | 65 | 68 | 66 | | 69.7 |
| | MIN | 37 | 31 | 32 | 50 | 51 | 28 | 30 | 35 | 43 | 37 | 35 | 30 | 37 | 40 | 37 | 38 | 35 | 35 | 42 | 43 | 44 | 48 | 46 | 44 | 41 | 41 | 45 | 34 | 34 | 36 | | 38.6 |
| PLAINFIELD | MAX | 56 | 63 | 67 | 74 | 72 | 56 | 61 | 63 | 74 | 66 | 64 | 70 | 83 | 68 | 69 | 69 | 73 | 79 | 74 | 79 | 75 | 55 | 52 | 60 | 57 | 67 | 68 | 68 | 68 | 62 | | 67.1 |
| | MIN | 50 | 29 | 37 | 50 | 56 | 28 | 28 | 34 | 47 | 39 | 36 | 33 | 39 | 47 | 39 | 41 | 41 | 36 | 43 | 48 | 42 | 48 | 40 | 45 | 44 | 37 | 42 | 34 | 35 | 40 | | 40.3 |
| SOMERVILLE | MAX | 65 | 62 | 66 | 73 | 70 | 53 | 61 | 60 | 72 | 66 | 65 | 69 | 83 | 76 | 66 | 69 | 72 | 78 | 76 | 75 | 71 | 65 | 53 | 60 | 60 | 66 | 67 | 66 | 67 | 62 | | 67.1 |
| | MIN | 46 | 26 | 33 | 50 | 47 | 27 | 26 | 32 | 46 | 37 | 34 | 31 | 34 | 42 | 37 | 40 | 39 | 34 | 41 | 48 | 41 | 48 | 42 | 43 | 43 | 38 | 43 | 32 | 33 | 37 | | 38.3 |
| SUSSEX 1 SE | MAX | 72 | 50 | 59 | | | 57 | 51 | 58 | 57 | 70 | 64 | 60 | 68 | 83 | 76 | 65 | 65 | 69 | 76 | 76 | 73 | 73 | 57 | 59 | 59 | 52 | 59 | 63 | 59 | 65 | | 64.1 |
| | MIN | 31 | 24 | 26 | | | 23 | 24 | 30 | 36 | 32 | 30 | 25 | 34 | 37 | 31 | 36 | 26 | 27 | 31 | 37 | 35 | 40 | 35 | 42 | 39 | 34 | 39 | 26 | 27 | 32 | | 31.8 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 63 | 60 | 62 | 74 | 66 | 46 | 51 | 65 | 76 | 62 | 62 | 65 | 82 | 70 | 56 | 66 | 62 | 78 | 65 | 63 | 60 | 54 | 50 | 58 | 56 | 62 | 65 | 61 | 65 | 58 | | 62.8 |
| | MIN | 36 | 30 | 37 | 50 | 38 | 29 | 23 | 38 | 56 | 44 | 37 | 31 | 36 | 44 | 45 | 37 | 36 | 37 | 44 | 41 | 42 | 38 | 42 | 46 | 40 | 35 | 45 | 37 | 38 | 41 | | 39.1 |
| AUDUBON | MAX | 65 | 63 | 66 | 71 | 64 | 57 | 63 | 70 | 75 | 66 | 66 | 70 | 82 | 80 | 58 | 68 | 71 | 68 | 78 | 75 | 69 | 68 | 57 | 66 | 57 | 68 | 65 | 67 | 67 | 68 | | 67.6 |
| | MIN | 43 | 37 | 39 | 51 | 51 | 30 | 30 | 36 | 53 | 47 | 43 | 36 | 40 | 47 | 45 | 41 | 41 | 40 | 41 | 44 | 46 | 42 | 43 | 45 | 45 | 37 | 42 | 39 | 38 | 39 | | 41.7 |
| BELLEPLAIN ST FOREST | MAX | 65 | 59 | 61 | 74 | 68 | 61 | 56 | 70 | 77 | 74 | 62 | 67 | 78 | 73 | 67 | 66 | 65 | 76 | 74 | 67 | 62 | 58 | 56 | 64 | 60 | 65 | 65 | 65 | 67 | 61 | | 66.1 |
| | MIN | 38 | 26 | 32 | 52 | 56 | 30 | 21 | 32 | 50 | 42 | 37 | 28 | 32 | 40 | 42 | 37 | 32 | 29 | 45 | 39 | 42 | 43 | 42 | 45 | 43 | 30 | 43 | 33 | 33 | 45 | | 38.0 |
| BURLINGTON | MAX | 66 | 61 | 66 | 74 | 72 | 54 | 62 | 67 | 74 | 70 | 65 | 70 | 82 | 76 | 65 | 68 | 72 | 78 | 78 | 75 | 72 | 63 | 56 | 71 | 64 | 76 | 70 | 65 | 67 | 63 | | 68.7 |
| | MIN | 46 | 35 | 39 | 49 | 52 | 31 | 34 | 36 | 51 | 43 | 42 | 40 | 40 | 47 | 44 | 41 | 44 | 40 | 46 | 46 | 45 | 47 | 43 | 44 | 45 | 39 | 44 | 42 | 38 | 42 | | 42.5 |
| CHATSWORTH | MAX | 64 | 61 | 64 | 73 | 68 | 58 | 58 | 75 | 73 | 72 | 63 | 68 | 83 | 74 | 63 | 67 | 67 | 73 | 70 | 68 | 69 | 59 | 53 | 61 | 59 | 68 | 63 | 67 | 67 | 62 | | 66.3 |
| | MIN | 54 | 27 | 35 | | 44 | 26 | 22 | 30 | | 38 | 34 | 30 | 32 | 43 | 44 | 37 | 37 | 30 | 37 | 40 | 38 | 43 | 41 | 44 | 44 | 33 | 40 | 32 | 32 | 41 | | 36.7 |
| FREEHOLD | MAX | 74 | 54 | 60 | 67 | 75 | 62 | 51 | 59 | 72 | 72 | 67 | 62 | 68 | 82 | 70 | 62 | 67 | 68 | 76 | 70 | 74 | 70 | 55 | 50 | 61 | 55 | 65 | 65 | 64 | 64 | | 65.4 |
| | MIN | 46 | 31 | 37 | 49 | 51 | 26 | 26 | 33 | 48 | 39 | 38 | 30 | 36 | 45 | 41 | 37 | 36 | 38 | 39 | 44 | 38 | 44 | 42 | 43 | 43 | 35 | 43 | 37 | 37 | 42 | | 39.2 |
| GLASSBORO | MAX | 71 | 55 | 61 | 63 | 65 | 63 | 45 | 59 | 72 | 74 | 65 | 64 | 70 | 81 | 80 | 59 | 66 | 69 | 76 | 78 | 74 | 68 | 58 | 56 | 65 | 56 | 65 | 64 | 66 | 65 | | 65.8 |
| | MIN | 44 | 34 | 34 | 49 | 45 | 35 | 28 | 37 | 52 | 45 | 40 | 36 | 40 | 45 | 43 | 35 | 40 | 38 | 45 | 42 | 44 | 48 | 42 | 44 | 45 | 37 | 43 | 37 | 38 | 38 | | 40.8 |
| HAMMONTON 2 NNE | MAX | 75 | 57 | 58 | 64 | 72 | 66 | 58 | 61 | 74 | 77 | 68 | 63 | 70 | 84 | 74 | 58 | 66 | 70 | 80 | 75 | 71 | 70 | 56 | 56 | 63 | 58 | 67 | 65 | 68 | 67 | | 67.0 |
| | MIN | 53 | 32 | 39 | 49 | 58 | 28 | 27 | 38 | 51 | 45 | 40 | 34 | 38 | 48 | 44 | 40 | 40 | 38 | 43 | 41 | 43 | 46 | 42 | 43 | 45 | 37 | 46 | 39 | 39 | 44 | | 41.7 |
| HIGHTSTOWN 1 N | MAX | 64 | 60 | 65 | 72 | 70 | 52 | 62 | 68 | 72 | 66 | 63 | 68 | 82 | 72 | 66 | 67 | 69 | 77 | 76 | 74 | 71 | 60 | 53 | 61 | 59 | 66 | 66 | 64 | 67 | 63 | | 66.5 |
| | MIN | 45 | 31 | 38 | 50 | 51 | 27 | 28 | 33 | 54 | 39 | 39 | 33 | 39 | 45 | 42 | 39 | 37 | 38 | 40 | 43 | 39 | 47 | 43 | 43 | 43 | 37 | 43 | 35 | 34 | 40 | | 39.8 |
| INDIAN MILLS 2 W | MAX | 64 | 60 | 64 | 72 | 65 | 53 | 61 | 73 | 72 | 65 | 64 | 69 | 82 | 75 | 63 | 67 | 70 | 77 | 76 | 73 | 72 | 60 | 55 | 62 | 59 | 66 | 63 | 65 | 66 | 65 | | 66.6 |
| | MIN | 46 | 26 | 34 | 50 | 50 | 25 | 21 | 33 | 51 | 38 | 36 | 28 | 32 | 43 | 43 | 38 | 35 | 29 | 41 | 35 | 39 | 44 | 40 | 43 | 43 | 31 | 41 | 31 | 32 | 36 | | 37.1 |
| MILLVILLE | MAX | 72 | 57 | 59 | 62 | 74 | 64 | 55 | 60 | 75 | 73 | 67 | 65 | 70 | 78 | 82 | 57 | 66 | 70 | 76 | 77 | 73 | 63 | 59 | 58 | 64 | 57 | 65 | 65 | 65 | 66 | | 66.5 |
| | MIN | 48 | 27 | 34 | 49 | 50 | 27 | 24 | 35 | 52 | 38 | 39 | 30 | 36 | 44 | 44 | 40 | 35 | 35 | 36 | 42 | 45 | 46 | 43 | 45 | 45 | 34 | 45 | 35 | 37 | 44 | | 39.5 |
| MILLVILLE FAA AIRPORT | MAX | 66 | 58 | 59 | 74 | 64 | 51 | 56 | 69 | 73 | 64 | 61 | 68 | 79 | 77 | 57 | 65 | 66 | 77 | 73 | 72 | 61 | 58 | 57 | 62 | 56 | 63 | 64 | 65 | 65 | 62 | | 64.7 |
| | MIN | 40 | 29 | 40 | 52 | 41 | 32 | 25 | 38 | 53 | 43 | 40 | 35 | 34 | 43 | 45 | 41 | 39 | 33 | 49 | 43 | 46 | 46 | 44 | 46 | 41 | 33 | 44 | 41 | 35 | 40 | | 40.4 |
| MOORESTOWN | MAX | 55 | 60 | 63 | 72 | 64 | 53 | 61 | 66 | 72 | 64 | 63 | 70 | 80 | 75 | 58 | 66 | 68 | 77 | 77 | 73 | 69 | 57 | 54 | 64 | 53 | 65 | 65 | 64 | 64 | 64 | | 65.2 |
| | MIN | 38 | 33 | 40 | 43 | 50 | 28 | 29 | 34 | 54 | 43 | 42 | 34 | 41 | 44 | 44 | 39 | 39 | 39 | 43 | 41 | 44 | 47 | 43 | 44 | 41 | 35 | 39 | 38 | 34 | 39 | | 40.1 |
| NEW BRUNSWICK EXP STA | MAX | 70 | 61 | 64 | 72 | 70 | 55 | 60 | 64 | 73 | 71 | 63 | 68 | 82 | 78 | 68 | 66 | 70 | 77 | 72 | 75 | 79 | 68 | 57 | 62 | 60 | 65 | 67 | 64 | 65 | 64 | | 67.7 |
| | MIN | 45 | 31 | 38 | 61 | 53 | 28 | 28 | 34 | 54 | 43 | 40 | 35 | 40 | 47 | 44 | 41 | 44 | 39 | 45 | 47 | 43 | 47 | 43 | 44 | 44 | 37 | 42 | 38 | 37 | 41 | | 41.8 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

NEW JERSEY
APRIL 1968

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW MONMOUTH | MAX | 72 | 60 | 66 | 73 | 65 | 57 | 56 | 65 | 72 | 71 | 65 | 64 | 80 | 77 | 64 | 63 | 67 | 72 | 68 | 74 | 70 | 63 | 56 | 60 | 58 | 65 | 66 | 64 | 64 | 61 | | 65.9 |
| | MIN | 49 | 33 | 43 | 53 | 56 | 33 | 28 | 33 | 55 | 42 | 42 | 32 | 41 | 44 | 42 | 44 | 35 | 42 | 41 | 48 | 39 | 46 | 43 | 44 | 47 | 40 | 44 | 37 | 35 | 42 | | 41.8 |
| PEMBERTON 3 E | MAX | 62 | 61 | 64 | 73 | 67 | 58 | 61 | 73 | 72 | 68 | 65 | 69 | 80 | 72 | 60 | 68 | 69 | 77 | 77 | 73 | 72 | 60 | 51 | 62 | 55 | 67 | 66 | 65 | 67 | 61 | | 66.5 |
| | MIN | 46 | 28 | 37 | 51 | 58 | 25 | 24 | 34 | 53 | 41 | 33 | 29 | 34 | 41 | 43 | 36 | 36 | 32 | 42 | 38 | 39 | 46 | 41 | 43 | 44 | 31 | 42 | 34 | 32 | 39 | | 38.4 |
| SEABROOK FARMS | MAX | 72 | 55 | 58 | 61 | 74 | 62 | 54 | 57 | 72 | 73 | 65 | 63 | 68 | 79 | 80 | 58 | 65 | 69 | 75 | 74 | 73 | 59 | 60 | 57 | 64 | 56 | 64 | 62 | 65 | 63 | | 65.2 |
| | MIN | 52 | 30 | 39 | 51 | 59 | 30 | 27 | 39 | 54 | 42 | 41 | 35 | 39 | 46 | 44 | 40 | 36 | 36 | 50 | 42 | 46 | 47 | 42 | 45 | 44 | 36 | 49 | 38 | 40 | 41 | | 42.0 |
| SHILOH | MAX | 70 | 58 | 60 | 71 | 71 | 58 | 56 | 70 | 73 | 72 | 61 | 69 | 78 | 81 | 64 | 64 | 68 | 75 | 75 | 75 | 65 | 60 | 60 | 62 | 59 | 59 | 61 | 65 | 61 | 64 | | 66.2 |
| | MIN | 41 | 33 | 36 | 51 | 56 | 30 | 28 | 39 | 51 | 45 | 41 | 36 | 40 | 50 | 41 | 40 | 40 | 38 | 49 | 44 | 45 | 45 | 40 | 44 | 43 | 37 | 47 | 39 | 40 | 44 | | 41.8 |
| TOMS RIVER | MAX | 70 | 55 | 60 | 68 | 74 | 65 | 48 | 59 | 70 | 73 | 65 | 63 | 68 | 82 | 65 | 64 | 67 | 63 | 73 | 65 | 67 | 63 | 54 | 53 | 60 | 57 | 67 | 64 | 63 | 64 | | 64.3 |
| | MIN | 49 | 29 | 35 | 49 | 50 | 22 | 23 | 31 | 40 | 42 | 26 | 29 | 35 | 43 | 45 | 39 | 35 | 32 | 41 | 43 | 40 | 48 | 43 | 43 | 41 | 34 | 46 | 34 | 35 | 43 | | 38.2 |
| TRENTON WB CITY | MAX | 66 | 59 | 63 | 72 | 64 | 53 | 61 | 67 | 72 | 66 | 63 | 68 | 81 | 71 | 62 | 67 | 69 | 77 | 76 | 74 | 68 | 55 | 51 | 62 | 53 | 65 | 67 | 63 | 66 | 61 | | 65.4 |
| | MIN | 42 | 38 | 44 | 51 | 38 | 33 | 37 | 40 | 55 | 48 | 45 | 41 | 46 | 49 | 45 | 42 | 44 | 46 | 46 | 48 | 46 | 49 | 44 | 44 | 44 | 41 | 47 | 44 | 45 | 44 | | 44.2 |
| TUCKERTON | MAX | 62 | 62 | 59 | 62 | 65 | 56 | 51 | 61 | 74 | 66 | 60 | 64 | 81 | 65 | 59 | 65 | 61 | 76 | 70 | 60 | 58 | 53 | 50 | 56 | 58 | 61 | 65 | 59 | 62 | 57 | | 61.9 |
| | MIN | 46 | 26 | 38 | 47 | 51 | 26 | 22 | 39 | 50 | 38 | 35 | 29 | 33 | 41 | 44 | 38 | 35 | 35 | 43 | 41 | 40 | 43 | 41 | 43 | 43 | 33 | 42 | 36 | 34 | 45 | | 38.6 |
| WOODSTOWN | MAX | 67 | 59 | 63 | 73 | 71 | 55 | 59 | 70 | 74 | 65 | 64 | 69 | 79 | 80 | 66 | 66 | 69 | 76 | 79 | 73 | 63 | 59 | 57 | 65 | 59 | 66 | 63 | 66 | 66 | 65 | | 66.9 |
| | MIN | 48 | 30 | 34 | 47 | 53 | 29 | 26 | 49 | 42 | 42 | 36 | 34 | 35 | 42 | 41 | 34 | 35 | 35 | 48 | 39 | 45 | 46 | 42 | 44 | 44 | 34 | 40 | 36 | 36 | 37 | | 39.4 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 58 | 55 | 53 | 56 | 65 | 46 | 48 | 61 | 76 | 60 | 62 | 59 | 70 | 63 | 58 | 64 | 58 | 74 | 59 | 58 | 56 | 54 | 51 | 59 | 57 | 54 | 66 | 58 | 59 | 57 | | 59.1 |
| | MIN | 42 | 36 | 45 | 49 | 43 | 34 | 35 | 45 | 57 | 52 | 46 | 39 | 49 | 50 | 48 | 42 | 44 | 46 | 52 | 51 | 50 | 48 | 45 | 49 | 48 | 44 | 50 | 46 | 47 | 47 | | 46.0 |
| CAPE MAY 3 W | MAX | 59 | 55 | 53 | 62 | 59 | 56 | 59 | 59 | 65 | 62 | 68 | 62 | 74 | 69 | 63 | | 63 | 71 | 63 | 65 | 64 | 56 | 55 | 58 | 60 | 60 | 63 | 61 | 63 | 60 | | 61.6 |
| | MIN | 47 | 40 | 43 | 47 | 42 | 43 | 39 | 36 | 43 | 41 | 30 | 41 | 41 | 52 | 45 | | 43 | 43 | 50 | 48 | 48 | 46 | 43 | 46 | 48 | 42 | 50 | 45 | 49 | 49 | | 44.1 |
| LONG BRANCH 2 N | MAX | 61 | 60 | 60 | 72 | 65 | 51 | 47 | 53 | 72 | 68 | 62 | 61 | 76 | 69 | 58 | 65 | 61 | 70 | 59 | 62 | 62 | 55 | 50 | 56 | 55 | 62 | 61 | 60 | 59 | 58 | | 61.0 |
| | MIN | 45 | 35 | 44 | 46 | 51 | 34 | 32 | 37 | 51 | 51 | 43 | 39 | 43 | 46 | 44 | 44 | 46 | 44 | 45 | 48 | 44 | 46 | 43 | 44 | 46 | 40 | 47 | 44 | 41 | 48 | | 43.7 |

# DAILY SOIL TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RUTGERS MICRO-MET STA PLOT # 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 54 | 52 | 53 | 56 | 56 | 55 | 53 | 53 | 57 | 54 | 55 | 58 | 59 | 58 | 57 | 57 | 58 | 59 | 60 | 62 | 62 | 57 | 55 | 56 | 55 | 58 | 58 | 62 | 59 | 60 | | 56.9 |
| | MIN | 47 | 43 | 45 | 49 | 55 | 45 | 44 | 45 | 51 | 48 | 47 | 46 | 48 | 52 | 51 | 48 | 48 | 49 | 51 | 52 | 55 | 55 | 51 | 51 | 50 | 48 | 51 | 50 | 50 | 51 | | 49.2 |
| 2 INCHES | MAX | 53 | 51 | 52 | 56 | 55 | 54 | 52 | 52 | 55 | 53 | 53 | 56 | 58 | 56 | 56 | 55 | 57 | 58 | 59 | 60 | 60 | 57 | 55 | 56 | 54 | 56 | 56 | 60 | 58 | 59 | | 55.7 |
| | MIN | 47 | 44 | 45 | 49 | 54 | 47 | 45 | 45 | 51 | 48 | 48 | 47 | 48 | 52 | 52 | 49 | 48 | 49 | 51 | 53 | 55 | 54 | 51 | 51 | 50 | 49 | 51 | 52 | 51 | 51 | | 49.6 |
| 4 INCHES | MAX | 52 | 49 | 50 | 53 | 54 | 52 | 51 | 51 | 53 | 52 | 52 | 53 | 54 | 55 | 54 | 55 | 55 | 56 | 57 | 59 | 59 | 57 | 56 | 54 | 54 | 54 | 54 | 57 | 56 | 57 | | 54.2 |
| | MIN | 48 | 45 | 46 | 48 | 52 | 48 | 46 | 46 | 50 | 49 | 49 | 48 | 49 | 52 | 52 | 50 | 49 | 50 | 51 | 53 | 56 | 55 | 52 | 51 | 51 | 50 | 52 | 50 | 52 | 52 | | 50.1 |
| 8 INCHES | MAX | 50 | 48 | 49 | 51 | 52 | 51 | 49 | 50 | 52 | 51 | 51 | 50 | 51 | 53 | 53 | 52 | 53 | 54 | 54 | 55 | 55 | 56 | 55 | 53 | 53 | 52 | 53 | 55 | 55 | 55 | | 52.4 |
| | MIN | 48 | 47 | 47 | 48 | 51 | 49 | 47 | 47 | 50 | 49 | 49 | 49 | 50 | 51 | 52 | 50 | 50 | 51 | 52 | 53 | 55 | 54 | 52 | 51 | 52 | 51 | 52 | 51 | 53 | 53 | | 50.5 |
| 16 INCHES | MAX | 48 | 47 | 47 | 48 | 49 | 49 | 49 | 48 | 49 | 49 | 49 | 49 | 49 | 51 | 51 | 51 | 50 | 51 | 51 | 52 | 53 | 55 | 55 | 52 | 52 | 52 | 52 | 52 | 53 | 52 | | 50.5 |
| | MIN | 47 | 46 | 46 | 47 | 48 | 49 | 48 | 47 | 48 | 49 | 49 | 49 | 49 | 49 | 51 | 50 | 50 | 50 | 51 | 51 | 52 | 53 | 52 | 51 | 52 | 51 | 52 | 51 | 52 | 52 | | 49.7 |
| 32 INCHES | MAX | 45 | 45 | 45 | 46 | 46 | 47 | 47 | 47 | 47 | 47 | 48 | 48 | 48 | 48 | 49 | 49 | 49 | 49 | 49 | 50 | 50 | 53 | 53 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | | 48.7 |
| | MIN | 45 | 45 | 45 | 45 | 46 | 46 | 47 | 46 | 47 | 47 | 47 | 47 | 48 | 48 | 48 | 48 | 48 | 48 | 49 | 49 | 50 | 50 | 51 | 51 | 51 | 51 | 51 | 50 | 50 | 50 | | 48.1 |
| PLOT # 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 63 | 66 | 68 | 67 | 65 | 69 | 70 | 67 | 72 | 68 | 71 | 80 | 86 | 83 | 72 | 82 | 85 | 84 | 89 | 89 | 93 | 63 | 60 | 59 | 62 | 72 | 70 | 80 | 71 | 78 | | 73.5 |
| | MIN | 39 | 35 | 40 | 50 | 58 | 35 | 36 | 39 | 47 | 42 | 41 | 40 | 43 | 50 | 48 | 42 | 43 | 45 | 48 | 51 | 55 | 55 | 51 | 50 | 48 | 42 | 48 | 43 | 44 | 46 | | 45.1 |
| 2 INCHES | MAX | 61 | 63 | 65 | 65 | 63 | 66 | 67 | 63 | 69 | 65 | 68 | 75 | 80 | 80 | 70 | 77 | 81 | 80 | 84 | 85 | 89 | 63 | 59 | 58 | 60 | 69 | 68 | 75 | 69 | 74 | | 70.4 |
| | MIN | 41 | 37 | 41 | 50 | 57 | 38 | 38 | 40 | 51 | 44 | 43 | 42 | 45 | 52 | 50 | 43 | 45 | 47 | 49 | 52 | 57 | 56 | 51 | 51 | 49 | 43 | 48 | 45 | 45 | 47 | | 46.6 |
| 8 INCHES | MAX | 55 | 53 | 55 | 56 | 56 | 55 | 53 | 54 | 58 | 55 | 56 | 54 | 57 | 63 | 59 | 61 | 63 | 64 | 64 | 67 | 69 | 61 | 59 | 56 | 56 | 56 | 55 | 61 | 59 | 61 | | 58.4 |
| | MIN | 50 | 45 | 46 | 50 | 55 | 49 | 45 | 46 | 52 | 50 | 49 | 48 | 51 | 56 | 54 | 50 | 51 | 53 | 54 | 57 | 59 | 59 | 54 | 53 | 54 | 49 | 52 | 52 | 53 | 52 | | 51.6 |

MAX AND MIN TEMPERATURES ARE FOR THE 24 HOUR PERIOD ENDING AT MIDNIGHT.

PLOT #1 - SLOPE OF GROUND: FLAT. SOIL TYPE, LOAM. GROUND COVER, KENTUCKY BLUEGRASS. INSTRUMENTATION, COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

PLOT #2 - SLOPE OF GROUND: FLAT. SOIL TYPE, LOAM. GROUND COVER, BARREN. INSTRUMENTATION, BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# EVAPORATION AND WIND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | EVAP | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .16 | .21 | .19 | .16 | .18 | .24 | .11 | .06 | .09 | .04 | .15 | .14 | .11 | .14 | .21 | | - |
| | WIND | 73 | 56 | 42 | 80 | 114 | 53 | 22 | 8 | 83 | 48 | 32 | 31 | 23 | 19 | 41 | 61 | 69 | 20 | 25 | 39 | 46 | 21 | 29 | 62 | 45 | 34 | 32 | 19 | 40 | 9 | | 1276 |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RUTGERS MICRO-MET STA | EVAP | .20 | .19 | .23 | .25 | .13 | .14 | .24 | .16 | .06 | .37 | .20 | .16 | .20 | .20 | .25 | .17 | .24 | .23 | .31 | .20 | .25 | .18 | .06 | .06 | .21 | .19 | .19 | .15 | .23 | .20 | | 5.85 |
| | WIND | 141 | 116 | 111 | 148 | 194 | 128 | 60 | 75 | 106 | 130 | 76 | 60 | 52 | 47 | 78 | 108 | 80 | 61 | 59 | 62 | 58 | 42 | 61 | 94 | 111 | 134 | 81 | 56 | 56 | 70 | | 2655 |
| | MAX | - | 60 | 64 | 67 | 68 | 64 | 63 | 67 | 71 | 70 | 64 | 66 | 74 | 80 | 73 | 65 | 71 | 75 | 75 | 77 | 78 | 80 | 63 | 51 | 57 | 58 | 70 | 65 | 72 | 68 | | 68.1 |
| | MIN | - | 37 | 37 | 42 | 51 | 37 | 38 | 38 | 39 | 42 | 42 | 41 | 44 | 46 | 45 | 38 | 41 | 45 | 58 | 50 | 50 | 53 | 46 | 45 | 47 | 39 | 43 | 44 | 44 | 45 | | 43.7 |
| SEABROOK FARMS | EVAP | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .22 | .23 | .29 | .08 | .12 | .11 | .30 | .16 | .20 | .05 | .18 | .15 | | - |
| | WIND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 41 | 48 | 69 | 40 | 60 | 71 | 99 | 61 | 77 | 32 | 21 | 37 | | - |
| | MAX | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 78 | 80 | 78 | 64 | 61 | 65 | 60 | 60 | 71 | 61 | 75 | 65 | | - |
| | MIN | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 58 | 49 | 50 | 49 | 45 | 45 | 47 | 41 | 44 | 45 | 49 | 43 | | - |

See Reference Notes Following Station Index

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES |  |  |  | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  | TEMP. | PRECIP. | EVAP. | SPECIAL |  |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 |  |  |  |  | BERGEN COUNTY ENGINEER |
| ATLANTIC CITY WB AR | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID |  | HJ | U.S. WEATHER BUREAU |
| ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID |  | J | STAIL MARINA |
| AUDUOON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 04 | 40 | 11P | 11P |  |  | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 |  | 9A |  | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CARL MAY | 1 | 39 15 | 74 52 | 30 | 5R | 5P |  |  | BELLEPLAIN STATE FOREST |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 |  | 7A |  |  | WALTER J SCHANCK |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A |  | H | CLEMENT HAURT |
| BERNAROSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 |  | 7A |  |  | BERNAROS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 |  | 7A |  |  | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A |  |  | JERSEY CITY WATER WORK |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | AMERICAN CYANAMIO CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 |  | 7A |  |  | ALBERT M. OAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P |  |  | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 |  | 8A |  |  | NEWARK WATER OEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A |  | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 |  | 9A |  |  | GERTRUOE S. WILLIS |
| CAPE MAY 3 W | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 58 | 10 | 5P | 5P |  | C | N.WEST MAGNESITE CO. |
| CEDAR GROVE | 1472 | 01 | ESSEX | 8 | 40 52 | 74 13 | 400 |  | 8A |  |  | J. A. PLUNKETT |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 |  |  |  | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | RASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A |  | H | NEWARK WATER OERT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5R | 5P |  |  | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTEROON | 10 | 40 38 | 74 55 | 200 |  | 8A |  |  | ANOREW F DRORPE |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P |  |  | UNION CO. RARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A |  | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTEROON | 10 | 40 31 | 74 51 | 140 | 7A | 7A |  | H | OONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLANO | 2 | 39 14 | 75 10 | 5 |  | 7A |  |  | JOHN LORER |
| FREEHOLO | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A |  | C H | MRS JANE EKOAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A |  | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | RASSAIC | 8 | 41 08 | 74 20 | 470 |  | 7A |  |  | GEORGE I. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A |  |  | W. HUBBARD PARKHURST |
| HIGH POINT RARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A |  |  | N. J. OEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P |  | C H | JAMES R. RICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P |  | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUOSON | 1 | 40 44 | 74 03 | 135 | MID | MID |  |  | JERSEY CITY WATER OERT. |
| LAMBERTVILLE | 4635 | 01 | HUNTEROON | 2 | 40 22 | 74 57 | 60 | 6P | 6P |  | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A |  |  | CHARLES KOONS |
| LITTLE FALLS | 4887 | 01 | RASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A |  | C H | RASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 N | 4987 | 03 | MONMOUTH | 1 | 40 20 | 74 00 | 10 | 6P | 6P |  | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A |  | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 |  |  |  | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 |  | 7A |  |  | ROBERT G. GLASGOW |
| MANVILLE | 5197 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | JOHN L. RAOCLIFFE |
| MARLBORO SCS | 5244 | 02 | MONMOUTH | 1 | 40 20 | 74 14 | 120 |  |  |  | C | GEROW BRILL |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 |  |  |  | C | DAVIO D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 |  | 9A |  | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 |  | MID |  |  | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | MID |  | C H | L. J. GALLAHER |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID |  | H | FEO. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 |  | 7A |  |  | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A |  | H | H. J. WILLARD |
| MURRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A |  | H | JOSERH H. GARRIS. |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID |  | HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK EXR STA | 6062 | 02 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | 5P | 5P |  | H | ARTHUR H. AHLQUIST |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 |  | MID |  |  | HACKENSACK WATER CO. |
| NEW MONMOUTH | 6154 | 02 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P |  |  | ST. MARYS SCHOOL |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A |  | H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 |  | 8A |  |  | NEWARK WATER OEPT. |
| OLDWICK | 6544 | 01 | HUNTERDON | 10 | 40 40 | 74 45 | 260 |  | 8A |  |  | DAN A. COUGHLIN |
| RATERSON | 6775 | 01 | RASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A |  | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5R | 5P | 5 | H | RHILIP E. MARUCCI |
| RENNSAUKEN | 6863 | 02 | CAMDEN | 2 | 39 57 | 75 04 | 60 |  | 9A |  |  | CAMDEN COUNTY RLNG BD. |
| PHILLIRSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 3 | 3P |  | H | TOWN OF RHILLIPSBUR |
| RHILLIRSBURG BRIOGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 |  | 7A |  |  | JOINT TOLL BRIDGE COMM. |
| PLAINFIELO | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P |  | H | MR. VIVIAN SCHERER |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 |  | MID |  |  | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 |  | MID |  | C H | RAHWAY VALLEY S W AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 |  | 10 |  |  | NO. JERSEY WTR. SUPPLY |
| RUTGERS MICRO-MET STA | 7831 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 |  |  | 8A | CG | RUTGERS UNIV |
| SEABROOK FARMS | 7936 | 02 | CUMBERLANO | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5 |  |  | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P |  | H | W. . HAVER |
| SRLIT ROCK ROND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 |  | 10A |  |  | JERSEY CITY D. R. W. |
| SRRINGFIELO | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 |  |  |  | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A |  |  | MRS. WILDA HILLAR |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A |  |  | TOMS RIVER WATER |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID |  | C HJ | U.S. WEATHER BUREA |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P |  |  | LAWRENCE FA ANO. JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 |  | 8A |  | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 |  |  |  | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | MUNTEROON | 10 | 40 27 | 74 48 | 160 |  | 7 |  |  | ROBERT M. MANNER |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 |  | 7A |  |  | N.J. POWER + LIGHT |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 |  | MID |  |  | HACKENSACK WAT R |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5 | 5 |  |  | CREAM VALLEY DAIRY |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING.

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset

VAR This entry in time of observation column in Station Index means variable

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground, however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

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Subscription Price: 20 cents per copy, monthly and annual, $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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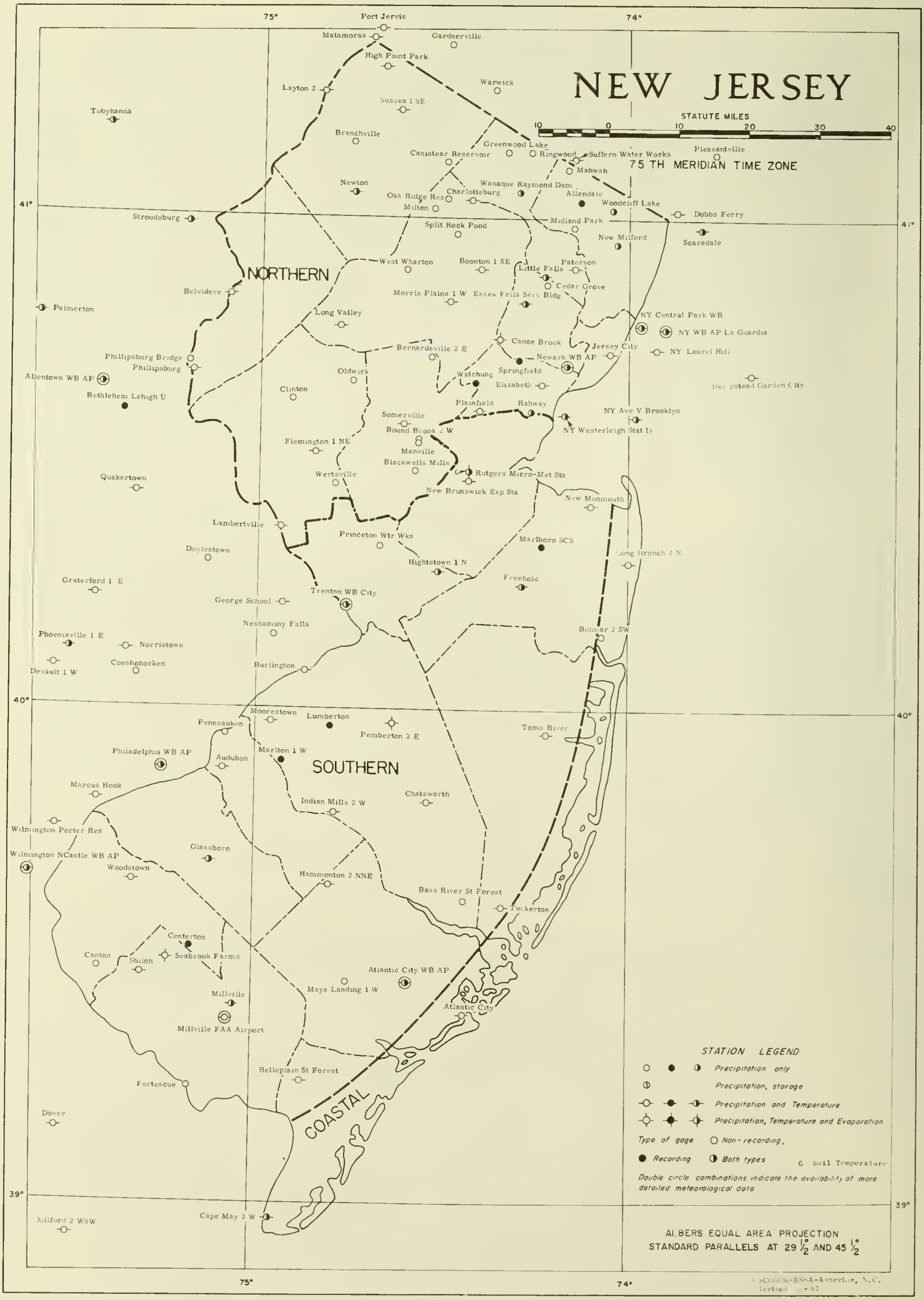NEW JERSEY
STATUTE MILES
10 0 10 20 30 40
75 TH MERIDIAN TIME ZONE
75°
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41°
40°
39°
NORTHERN
SOUTHERN
COASTAL
Port Jervis
Matamoras
Gardnerville
High Point Park
Layton 2
Warwick
Sussex 1 SE
Tobyhanna
Branchville
Greenwood Lake
Canistear Reservoir
Ringwood
Suffern Water Works
Pleasantville
Mahwah
Newton
Wanaque Raymond Dam
Charlotteburg
Oak Ridge Res
Allendale
Milton
Woodcliff Lake
Stroudsburg
Dobbs Ferry
Midland Park
Split Rock Pond
Scarsdale
New Milford
West Wharton
Boonton 1 SE
Paterson
Little Falls
Belvidere
Cedar Grove
Morris Plains 1 W
Essex Fells Serv Bldg
Palmerton
Long Valley
NY Central Park WB
NY WB AP La Guardia
Canoe Brook
Bernardsville 2 E
Jersey City
NY Laurel Hill
Phillipsburg Bridge
Phillipsburg
Newark WB AP
Allentown WB AP
Oldwick
Springfield
Watchung
Hempstead Garden City
Elizabeth
Bethlehem Lehigh U
Clinton
Plainfield
Rahway
NY Ave V Brooklyn
Somerville
NY Westerleigh Stat Is
Bound Brook 2 W
Flemington 1 NE
Manville
Blackwells Mills
G Rutgers Micro-Met Sta
Quakertown
Wertsville
New Brunswick Exp Sta
New Monmouth
Lambertville
Princeton Wtr Wks
Marlboro SCS
Doylestown
Long Branch 2 N
Hightstown 1 N
Graterford 1 E
Freehold
George School
Trenton WB City
Neshaminy Falls
Belmar 2 SW
Phoenixville 1 E
Norristown
Devault 1 W
Conshohocken
Burlington
Moorestown
Lumberton
Pennsauken
Pemberton 3 E
Toms River
Philadelphia WB AP
Marlton 1 W
Audubon
Marcus Hook
Chatsworth
Indian Mills 2 W
Wilmington Porter Res
Glassboro
Wilmington NCastle WB AP
Woodstown
Hammonton 2 NNE
Bass River St Forest
Tuckerton
Centerton
Canton
Shiloh
Seabrook Farms
Atlantic City WB AP
Mays Landing 1 W
Millville
Atlantic City
Millville FAA Airport
Belleplain St Forest
Fortescue
Dover
Cape May 3 W
Milford 2 WSW
STATION LEGEND
○ ● ◑ Precipitation only
⦶ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
-○- -●- -◑- Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording ◑ Both types
G Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
USCOMM-ESSA-Asheville, N.C.
Revised -67

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C. R. SMITH, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
MAY 1968
Volume 73 No. 5

THE LIBRARY OF THE
JUL 25 1968
UNIVERSITY OF ILLINOIS

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIOERE | 67.1 | 44.6 | 55.9 | - 6.3 | 78 | 18+ | 32 | 7 | 279 | 0 | 0 | 1 | 0 | 6.86 | 2.83 | 2.00 | 29 | .0 | 0 | | 10 | 6 | 1 |
| ROCNTON 1 SE | 66.5 | 45.8 | 56.2 | - 2.9 | 79 | 27 | 35 | R+ | 268 | 0 | 0 | 0 | 0 | 9.26 | 5.10 | 3.06 | 29 | .0 | 0 | | 9 | 4 | 3 |
| CANOE RROCK | 68.0 | 45.0 | 56.5 | - 2.4 | 79 | 4 | 33 | 8 | 260 | 0 | 0 | 0 | 0 | 11.10 | 6.95 | 4.46 | 29 | .0 | 0 | | 11 | 6 | 2 |
| CHAFLOTTEBURG | 64.8 | 43.6 | 54.2 | - 4.2 | 79 | 4 | 35 | 9+ | 327 | 0 | 0 | 0 | 0 | 9.50 | 5.35 | 3.57 | 30 | .0 | 0 | | 9 | 3 | 3 |
| ELIZABETH | 70.2 | 48.5 | 59.4 | - 2.8 | 80 | 23+ | 35 | 27 | 174 | 0 | 0 | 0 | 0 | 7.21 | 3.15 | 4.26 | 29 | .0 | 0 | | 9 | 3 | 1 |
| E55EX FELLS 5ERV BLOG | M | M | M | | | | | | | 0 | 0 | 0 | 0 | 9.48 | | 6.30 | 29 | .0 | 0 | | 9 | 3 | 1 |
| FLEMINGTCN 1 NE | 67.3 | 42.0 | 54.7 | - 7.1 | 82 | 4 | 30 | 9+ | 311 | 0 | 0 | 4 | 0 | 6.47 | 2.46 | 2.20 | 29 | .0 | 0 | | 9 | 3 | 2 |
| HIGH POINT PARK | 65.2M | 41.7M | 53.5M | | 78 | 22+ | 32 | 7+ | 350 | 0 | 0 | 3 | 0 | 6.18 | | 2.45 | 29 | .0 | 0 | | 10 | 3 | 2 |
| JER5EY CITY | 66.1 | 51.4 | 58.8 | - 2.4 | 79 | 17 | 41 | 1 | 194 | 0 | 0 | 0 | 0 | 3.79 | .04 | 2.00 | 29 | .0 | 0 | | 4 | 2 | 1 |
| LAMBERTVILLE | 71.2 | 46.3 | 58.8 | - 2.8 | 83 | 3 | 31 | 7 | 196 | 0 | 0 | 1 | 0 | 5.71 | 1.63 | 2.18 | 29 | .0 | 0 | | 10 | 4 | 2 |
| LAYTON 2 | 66.4 | 41.6 | 54.0 | | 80 | 4 | 28 | R+ | 334 | 0 | 0 | 3 | 0 | 6.73 | | 2.18 | 29 | .0 | 0 | | 10 | 3 | 3 |
| LITTLE FALL5 | 68.8 | 47.8 | 58.3 | - 2.9 | 82 | 4 | 38 | R | 210 | 0 | 0 | 0 | 0 | 8.94 | 4.61 | 4.60 | 29 | .0 | 0 | | 8 | 4 | 2 |
| LONG VALLEY | 65.9 | 40.0 | 53.0 | | 78 | 4 | 29 | 9+ | 365 | 0 | 0 | 3 | 0 | 7.00 | 2.83 | 2.30 | 29 | .0 | 0 | | 7 | 4 | 2 |
| MORRIS PLAIN5 1 W | 66.7 | 43.9 | 55.3 | | 80 | 4 | 34 | 8+ | 295 | 0 | 0 | 0 | 0 | 8.56 | | 4.60 | 29 | .0 | 0 | | 9 | 4 | 1 |
| NEWARK WB AIRPORT R | 67.9 | 51.2 | 59.6 | - 2.4 | 79 | 17 | 40 | 1 | 167 | 0 | 0 | 0 | 0 | 6.28 | 2.63 | 3.60 | 29 | .0 | 0 | | 9 | 3 | 1 |
| NEWTON | 67.2 | 41.9 | 54.6 | - 4.4 | 81 | 4 | 29 | 8 | 316 | 0 | 0 | 1 | 0 | 5.61 | 1.66 | 1.79 | 29 | .0 | 0 | | 9 | 3 | 2 |
| PATER5ON | 69.9 | 48.6 | 59.3 | - 2.6 | 82 | 18 | 40 | 1 | 180 | 0 | 0 | 0 | 0 | 7.86 | 3.56 | 3.48 | 29 | .0 | 0 | | 8 | 4 | 3 |
| PHILLIP5BURG | 70.7 | 45.9 | 58.3 | - 3.1 | 82 | 4+ | 31 | 7 | 206 | 0 | 0 | 1 | 0 | 5.92 | 1.77 | 1.91 | 29 | .0 | 0 | | 10 | 5 | 1 |
| PLAINFIELO | 69.5 | 47.2 | 58.4 | - 2.8 | 82 | 3 | 33 | 14 | 208 | 0 | 0 | 0 | 0 | 8.45 | 4.31 | 5.75 | 29 | .0 | 0 | | 8 | 3 | 1 |
| 5OMERVILLE | 70.4 | 46.7 | 58.6 | - 2.5 | 83 | 3 | 33 | 1 | 198 | 0 | 0 | 0 | 0 | 6.34 | 2.53 | 2.97 | 29 | .0 | 0 | | 11 | 4 | 1 |
| 5U55EX 1 5E | 65.5M | 39.0M | 52.3M | - 7.6 | 78 | 4 | 26 | 7 | 388 | 0 | 0 | 4 | 0 | 5.79 | 2.02 | 1.31 | 29 | .0 | 0 | | 11 | 3 | 3 |
| OIVI5ION | | | 56.5 | - 4.0 | | | | | | | | | | 7.29 | 3.22 | | | .0 | | | | | |
| * * * 5OUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 69.7 | 48.0 | 58.9 | - 2.4 | 86 | 3 | 35 | 1 | 196 | 0 | 0 | 0 | 0 | 5.55 | 2.04 | 2.10 | 29 | .0 | 0 | | 7 | 3 | 2 |
| AUOUBON | 70.8 | 49.2 | 60.0 | | 84 | 3 | 38 | R | 158 | 0 | 0 | 0 | 0 | 6.05 | | 1.41 | 28 | .0 | 0 | | 11 | 3 | 2 |
| BELLEFLAIN 5T FOREST | 72.9 | 46.7 | 59.8 | | 87 | 3 | 31 | R | 175 | 0 | 0 | 3 | 0 | 4.22 | .39 | 1.17 | 29 | .0 | 0 | | 9 | 3 | 1 |
| BURLINGTCN | 72.5 | 49.2 | 60.9 | - 3.3 | 85 | 3 | 38 | 2+ | 140 | 0 | 0 | 0 | 0 | 5.67 | 1.91 | 2.03 | 29 | .0 | 0 | | 11 | 4 | 1 |
| CHATSWORTH | 71.7 | 46.2 | 59.0 | | 84 | 3 | 33 | 8 | 193 | 0 | 0 | 0 | 0 | 6.57 | | 2.80 | 29 | .0 | 0 | | 9 | 4 | 1 |
| FREEHOLO | 68.1 | 46.8 | 57.5 | - 4.1 | 82 | 4 | 34 | 7+ | 234 | 0 | 0 | 0 | 0 | 6.89 | 2.86 | 4.54 | 29 | .0 | 0 | | 9 | 2 | 1 |
| GLA55HORC | 70.0 | 48.6 | 59.3 | | 85 | 4 | 34 | 7 | 182 | 0 | 0 | 0 | 0 | 5.59 | | 2.05 | 29 | .0 | 0 | | 10 | 4 | 1 |
| HAMMONTON 2 NNE | 70.8 | 49.1 | 60.0 | - 2.7 | 87 | 4 | 36 | 1 | 167 | 0 | 0 | 0 | 0 | 5.94 | 2.02 | 2.96 | 29 | .0 | 0 | | 7 | 4 | 1 |
| HIGHTSTOWN 1 N | 69.2 | 46.8 | 58.0 | - 3.4 | 82 | 3 | 33 | 7 | 213 | 0 | 0 | 0 | 0 | 5.71 | 1.99 | 3.13 | 29 | .0 | 0 | | 7 | 3 | 1 |
| INOIAN MILLS 2 W | 69.5 | 45.2 | 57.4 | - 4.6 | 84 | 3 | 29 | R | 233 | 0 | 0 | 2 | 0 | 5.04 | 1.16 | 1.59 | 29 | .0 | 0 | | 10 | 3 | 2 |
| MILLVILLE | 70.1M | 47.8M | 59.0M | | 85 | 4 | 35 | 8+ | 198 | 0 | 0 | 0 | 0 | 2.13 | | .52 | 24 | .0 | 0 | | 8 | 1 | 0 |
| MILLVILLE FAA AIRPORT | 69.5 | 49.2 | 59.4 | | 85 | 3 | 37 | 8+ | 183 | 0 | 0 | 0 | 0 | 4.47 | | 1.02 | 28 | .0 | 0 | | 9 | 3 | 1 |
| MOORE5TOWN | 68.5M | 47.4 | 58.0M | - 3.7 | 83 | 3 | 34 | R | 218 | 0 | 0 | 0 | 0 | 5.85 | 1.78 | 2.37 | 29 | .0 | 0 | | 8 | 3 | 1 |
| NEW BRUN5WICK EXP 5TA | 70.1 | 48.7 | 59.4 | - 2.2 | 80 | 5+ | 36 | 1 | 178 | 0 | 0 | 0 | 0 | 9.18 | 5.43 | 5.21 | 29 | .0 | 0 | | 8 | 5 | 1 |
| NEW MONMCUTH | 69.3 | 49.5 | 59.4 | | 78 | 26+ | 38 | 14+ | 173 | 0 | 0 | 0 | 0 | 5.14 | | 2.96 | 29 | .0 | 0 | | 7 | 2 | 1 |
| PEMBERTON 3 E | 70.8 | 45.8 | 58.3 | - 4.4 | 82 | 3 | 30 | 7 | 206 | 0 | 0 | 2 | 0 | 5.84 | 2.08 | 2.58 | 29 | .0 | 0 | | 10 | 3 | 1 |
| 5EABROOK FARMS | 69.3 | 49.5 | 59.4 | | 85 | 4 | 36 | 7 | 183 | 0 | 0 | 0 | 0 | 5.00 | | 1.89 | 29 | .0 | 0 | | 11 | 3 | 1 |
| 5HILOH | 71.5 | 49.5 | 60.5 | - 2.5 | 83 | 3 | 40 | 7 | 147 | 0 | 0 | 0 | 0 | 5.36 | 1.90 | 1.33 | 28 | .0 | 0 | | 11 | 4 | 1 |
| TOMS RIVER | 68.7 | 46.6 | 57.7 | | 85 | 4 | 33 | 8 | 227 | 0 | 0 | 0 | 0 | 6.24 | | 4.02 | 29 | .0 | 0 | | 7 | 2 | 1 |
| TRENTON WB CITY R | 67.6 | 50.9 | 59.3 | - 3.0 | 82 | 3 | 41 | 1 | 181 | 0 | 0 | 0 | 0 | 5.84 | 2.22 | 2.32 | 29 | .0 | 0 | | 8 | 4 | 1 |
| TUCKEPTON | 69.6 | 47.5 | 58.6 | | 82 | 17 | 34 | 7+ | 201 | 0 | 0 | 0 | 0 | 6.33 | | 3.71 | 29 | .0 | 0 | | 7 | 3 | 2 |
| WOCO5TOWN | 72.2 | 48.1 | 60.2 | | 84 | 3 | 34 | 7 | 159 | 0 | 0 | 0 | 0 | 4.44 | | 1.45 | 28 | .0 | 0 | | 9 | 2 | 1 |
| OIVI5ION | | | 59.1 | - 3.0 | | | | | | | | | | 5.59 | 1.81 | | | .0 | | | | | |
| * * * COA5TAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 66.5 | 53.8 | 60.2 | .7 | 83 | 17 | 43 | 1 | 156 | 0 | 0 | 0 | 0 | 5.04 | 1.88 | 2.21 | 29 | | | | 8 | 3 | 1 |
| CAPE MAY 3 W | 69.7M | 53.4 | 61.6M | | 80 | 18 | | | 112 | 0 | 0 | 0 | 0 | 4.04 | | 1.02 | 29 | .0 | 0 | | 9 | 2 | 1 |
| LONG BRANCH 2 N | 66.5 | 50.8 | 58.7 | - 1.1 | 77 | 18+ | 40 | 1 | 194 | 0 | 0 | 0 | 0 | 5.08 | 1.59 | 2.94 | 29 | .0 | 0 | | 6 | 3 | 1 |
| OIVI5ION | | | 60.2 | .2 | | | | | | | | | | 4.72 | 1.46 | | | .0 | | | | | |

## EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>2 5TATIONS | 87 | OATE | 04+ |
| LOWEST TEMPERATURE<br>5U55EX 1 5E | 26 | OATE | 07 |
| GREATEST TOTAL PRECIPITATION<br>CANOE BROOK | 11.10 | | |
| LEAST TOTAL PRECIPITATION<br>MILLVILLE | 2.13 | | |
| GREATEST 1 DAY PRECIPITATION<br>MIOLANO PARK | 6.59 | OATE | 29 |

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 32

# NEW JERSEY - MAY 1968

## SPECIAL WEATHER SUMMARY

May was cold and wet. Rainfall was especially heavy over the northern third of the State, with much of the precipitation occurring in the storm of the 29th. Northeastern New Jersey was declared a disaster area as a result of major flooding which took place in the Passaic River basin at the end of the month. As much as 4.5 inches of rain was reported in 24 hours, and the storm total for some areas exceeded 7 inches. For some communities, the peak flow on the Passaic from the 29th to the 31st was the highest since the flood of October 10, 1903. In other areas it was slightly below the peak of March 12, 1936.

A detailed study of this storm will appear in ESSA Weather Bureau Technical Memorandum No. 32, "The Meteorological and Hydrological Aspects of the May 1968 New Jersey Floods", which is to be published in the next few months.

Donald V. Dunlap
ESSA-Weather Bureau State Climatologist
Department of Meteorology
College of Agriculture
& Environmental Science
Rutgers - The State University
New Brunswick, New Jersey 08903

# DAILY PRECIPITATION

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| • • • | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 6.86 | .57 | | | .09 | | T | | | | .01 | | .86 | .02 | .03 | | T | .09 | | .24 | .20 | | | T | .61 | .32 | | | .20 | 2.00 | .78 | .84 | • |
| BERNARDSVILLE 2 E | 8.81 | .48 | | | .11 | | | | | | .02 | | 1.00 | .09 | | | | .14 | | .09 | .30 | | | | .62 | .28 | | | | 3.90 | 1.55 | .23 | • |
| BLACKWELLS MILLS | 5.89 | .42 | | .02 | .10 | | .02 | | | | .01 | | .79 | | | | | .02 | | T | .30 | | | .01 | .27 | .23 | | | | 2.00 | 1.40 | .30 | • |
| BOONTON 1 SE | 9.26 | .46 | | | .04 | | | | | | T | | 1.10 | .16 | | | | .04 | | .09 | .25 | | T | T | .56 | .32 | | | | 3.06 | 2.96 | .22 | • |
| BOUND BROOK 2 W | 6.31 | .49 | | | .15 | | | | | | | | .70 | | | | | .02 | | .01 | .23 | | | | .39 | .14 | | | | 3.13 | .48 | .57 | • |
| BRANCHVILLE | 6.39 | .27 | | | .10 | | | | | | | | 1.28 | .13 | .01 | | | .01 | .52 | .23 | | T | | T | .42 | .24 | | | | 1.39 | 1.63 | .16 | • |
| CANISTEAR RESERVOIR | 7.92 | .43 | T | | .06 | | | | | | T | | 1.12 | .02 | T | | | .03 | | .35 | .18 | | | | .40 | .28 | | | | 2.70 | 2.17 | .18 | • |
| CANOE BROOK | 11.10 | .70 | | | .10 | | | | | | .01 | | .97 | .07 | .01 | | | .15 | | .13 | .23 | | | | .55 | .22 | | | T | 4.46 | 2.81 | .69 | • |
| CEDAR GROVE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | • |
| CHARLOTTEBURG | 9.50 | .38 | | | .03 | | | | | | .01 | | 1.07 | .03 | T | | | .06 | | .15 | .13 | T | | | .44 | .24 | | | | 3.10 | 3.57 | .29 | • |
| CLINTON | 6.58 | .46 | | | .22 | | T | | | | .05 | | .69 | T | | | | .12 | | .07 | .22 | | | .55 | .20 | | | | T | 3.00 | .75 | .25 | • |
| ELIZABETH | 7.21 | .42 | | | .12 | | T | | | | | .05 | .72 | .14 | | | | .03 | .03 | .05 | .25 | | .08 | .05 | .61 | | | | .24 | 4.26 | | .16 | • |
| ESSEX FELLS SERV BLDG | 9.48 | .36 | | | .05 | | | | | | T | | .92 | .13 | | | | .05 | | .20 | .26 | | | | .57 | .31 | | | | 6.30 | .03 | .30 | • |
| FLEMINGTON 1 NE | 6.47 | .45 | | .06 | .23 | | .05 | | | | .03 | | .69 | .01 | | | | .06 | T | .03 | .22 | T | T | | .43 | .25 | | T | | 2.20 | 1.41 | .35 | • |
| GREENWOOD LAKE | 9.36 | .42 | | | .09 | | | | | | T | | 1.42 | | | | | .15 | | .26 | .16 | | | | .37 | .33 | | | | 1.90 | 4.17 | .09 | • |
| HIGH POINT PARK | 6.18 | .20 | | | | .12 | | | | | | | 1.23 | | | | | | | .18 | .20 | | | | .44 | .20 | | | | 2.45 | .99 | .17 | • |
| JERSEY CITY | 3.79 | | | .06 | | | | | | | | .46 | .30 | | | | .04 | | .04 | .09 | .02 | | | .04 | .68 | | | | .06 | 2.00 | T | | • |
| LAMBERTVILLE | 5.71 | .04 | | .03 | .13 | .06 | .03 | | | | | .19 | .57 | T | | | .01 | .05 | T | .03 | .24 | .03 | T | .18 | .52 | T | | | 1.03 | 2.18 | .14 | .25 | • |
| LAYTON 2 | 6.73 | .27 | | | .13 | | T | | | | T | | 1.30 | .08 | T | | T | .06 | | .36 | .15 | T | | T | .37 | .21 | | | | 2.18 | 1.50 | .12 | • |
| LITTLE FALLS | 8.94 | .36 | | | .04 | | | | | | T | | .97 | .09 | | | | .03 | | .06 | .19 | | | .02 | .54 | .23 | | | | 4.60 | 1.71 | .10 | • |
| LONG VALLEY | 7.00 | .45 | | | .06 | | | | | | | | .89 | .03 | | | | .08 | | | .27 | .05 | | | .59 | .37 | | | | 2.30 | 1.85 | .06 | • |
| MAHWAH | 9.05 | .30 | | | .11 | | | | | | .02 | | 1.21 | .02 | | | | .03 | .14 | .23 | | | | .02 | .28 | .23 | | | | 2.41 | 4.02 | .03 | • |
| MANVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | • |
| MIDLAND PARK | 9.30 | | | .06 | | | | | | .01 | .02 | .54 | .65 | .01 | | | .02 | | .15 | .30 | .02 | | .01 | .18 | .54 | | | | .16 | 6.59 | .04 | | • |
| MILTON | 7.07 | .46 | | | .04 | | | | | | | | 1.05 | .05 | | | | .09 | | .31 | .17 | | .02 | | .46 | .26 | | | | 1.86 | 2.11 | .19 | • |
| MORRIS PLAINS 1 W | 8.56 | .53 | | | .06 | | T | | | | T | | .95 | .06 | T | | | .13 | | .08 | .25 | T | | T | .48 | .39 | | | T | 4.60 | .80 | .23 | • |
| NEWARK WB AIRPORT R | 6.28 | | | .13 | .01 | T | T | | | T | T | .58 | .27 | | | | .27 | T | .03 | .18 | T | | .04 | .10 | .45 | | | | .53 | 3.60 | .02 | .07 | • |
| NEW MILFORD | 6.67 | | | .09 | | | | | | | | .42 | .60 | | | | | | .13 | .09 | .08 | | .04 | .14 | .36 | | | | .15 | 4.57 | | | • |
| NEWTON | 5.61 | .26 | T | | .06 | | | | | | .01 | | .87 | .08 | T | | | .01 | | .31 | .16 | | | | .40 | .22 | | | | 1.79 | 1.22 | .22 | • |
| OAK RIDGE RESERVOIR | 7.13 | .51 | | | .07 | | | | | | .03 | | 1.03 | .07 | | | | .04 | | .29 | .16 | | | | .38 | .23 | | | | 2.26 | 1.88 | .18 | • |
| PATERSON | 7.86 | .34 | | | .04 | | T | | | | | | 1.10 | .10 | | | | .03 | | .01 | .28 | | | T | .60 | .35 | | | | 3.48 | 1.49 | .04 | • |
| PHILLIPSBURG | 5.92 | .37 | | .02 | .16 | | | | | | .02 | | .77 | .13 | | | .04 | | | | .15 | | | T | .87 | | | | .58 | 1.91 | .33 | .57 | • |
| PHILLIPSBURG BRIDGE | 5.84 | | | .01 | .15 | | | | | | | | .78 | .28 | .03 | | .02 | .02 | | | | | | | .85 | | | | | 3.35 | .35 | | • |
| PLAINFIELD | 8.45 | .15 | | .04 | .13 | T | | | | | T | .26 | .55 | .04 | | | T | .03 | .03 | | .25 | T | T | .08 | .76 | | | | .34 | 5.75 | .01 | .03 | • |
| POTTERSVILLE 2 NNW | 6.53 | .38 | T | | .10 | | | | T | | .01 | T | .97 | .17 | T | T | T | .22 | | .20 | .11 | .04 | T | .02 | .86 | .23 | T | | | 2.04 | 1.05 | .13 | • |
| RAHWAY | 5.31 | | | .10 | T | | | | | | T | .60 | .15 | | | | .02 | | .10 | .13 | .08 | | .06 | .11 | .55 | | | | .51 | 2.65 | .05 | .20 | • |
| RINGWOOD | 8.42 | .32 | | | T | | | | | | | | 1.13 | T | T | | | .03 | | .25 | .12 | | | | .45 | | | | | 5.02 | 1.10 | T | • |
| SOMERVILLE | 6.34 | .24 | | | .27 | .02 | .02 | | | | .01 | .18 | .57 | | | | | | .02 | | .33 | | T | .10 | .61 | | | | .30 | 2.97 | .54 | .16 | • |
| SPLIT ROCK POND | 8.31 | .58 | | | .08 | | | | | | .03 | | 1.02 | .04 | .03 | | | .06 | | .18 | .19 | | | | .61 | .21 | | | | 4.02 | 1.01 | .25 | • |
| SUSSEX 1 SE | 5.79 | .20 | .04 | | .18 | T | | | | | .01 | | 1.29 | .08 | .10 | T | | .03 | | .47 | .16 | .02 | | | .32 | .25 | | | | 1.31 | 1.17 | .16 | • |
| WANAQUE RAYMOND DAM | 8.17 | .22 | | | T | | | | | | T | | .98 | .01 | | | | .10 | | .15 | .24 | | | .04 | .27 | .18 | | | | 2.80 | 3.16 | .02 | • |
| WERTSVILLE | 6.14 | .41 | T | .03 | .13 | | | | | | .03 | | .66 | .01 | .03 | T | T | .03 | | .07 | .32 | T | | | .38 | .20 | | | .01 | 2.50 | 1.00 | .33 | • |
| WEST WHARTON | 7.54 | .42 | | | .15 | | | | | | T | | .95 | .24 | | | | .05 | | .14 | .14 | T | | | .53 | .34 | | | | 2.54 | 1.80 | .24 | • |
| WOODCLIFF LAKE | 5.60 | | | .03 | .02 | | | | | .01 | .02 | .43 | .62 | | | | | .05 | .08 | .17 | .13 | | | .13 | .45 | | | | .10 | 3.36 | | | • |
| • • • | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 5.55 | .03 | .02 | T | T | T | T | | | | T | .02 | .95 | T | | T | .03 | | T | .14 | | T | | .17 | .16 | | | .09 | 1.59 | 2.10 | .25 | | • |
| AUDUBON | 6.05 | T | | .05 | T | .05 | .27 | | | | T | .60 | .41 | | | .06 | .07 | .33 | T | .19 | | .09 | | .47 | .45 | | | .12 | 1.41 | 1.11 | .37 | | • |
| BASS RIVER ST FOREST | 6.36 | .16 | .01 | | | | | | | | .04 | | .36 | .22 | | | | .17 | | | | | | | .42 | | | | .26 | 4.34 | .15 | .23 | • |
| BELLEPLAIN ST FOREST | 4.22 | .28 | .04 | | .04 | | | | | | .03 | T | .36 | .12 | | T | .13 | .04 | .01 | | .31 | | | .04 | .54 | T | | .01 | .94 | 1.17 | | .16 | • |
| BURLINGTON | 5.67 | | | | .01 | | .33 | | | | | .41 | .76 | | | | T | .20 | | | .31 | | | .21 | .58 | .04 | | | .59 | 2.03 | .10 | .10 | • |
| CANTON | 5.63 | .15 | .11 | | | | | | | | | .01 | .43 | .75 | | | | .26 | | | .17 | | | | .70 | .04 | | | .43 | 1.95 | | .63 | • |
| CHATSWORTH | 6.57 | .29 | | | .03 | | | | | | | | .88 | .78 | | | | .13 | | .06 | .15 | T | | .21 | .36 | .05 | | | .83 | 2.80 | | | • |
| FORTESCUE | 4.46 | .26 | .05 | | | | | | | | | | .20 | | | | | | | | .35 | | | | .50 | .16 | | | .45 | .82 | | 1.67 | • |
| FREEHOLD | 6.89 | .24 | | .07 | .02 | | | | | | .02 | | .74 | | | | | .12 | | T | .20 | | T | T | .20 | .13 | | | T | 4.54 | .21 | .40 | • |
| GLASSBORO | 5.59 | | | .04 | | | .30 | | | .29 | | .60 | .05 | .49 | | .02 | | | | .08 | .19 | .02 | | .54 | .02 | | | .12 | .25 | 2.05 | .53 | | • |
| HAMMONTON 2 NNE | 5.94 | .31 | .05 | | .04 | | | | | .03 | | | .54 | .88 | .01 | | | .01 | | | .15 | | | | .57 | .01 | | | .02 | 2.96 | .02 | .34 | • |
| HIGHTSTOWN 1 N | 5.71 | T | | .07 | .05 | T | .02 | | | | .02 | .25 | .55 | | | | .02 | .16 | .05 | | .35 | .03 | | .06 | .35 | | | | .53 | 3.13 | T | .07 | • |
| INDIAN MILLS 2 W | 5.04 | | T | | T | | T | | | | .01 | .20 | .62 | .12 | | | T | .10 | T | | .18 | T | | .22 | .36 | T | | T | 1.15 | 1.59 | .45 | .04 | • |
| MAYS LANDING 1 W | 5.29 | .28 | .06 | | T | | | | | | | | .42 | .55 | | | | .14 | | T | .23 | | T | | .44 | .08 | | | .28 | 2.43 | .03 | .35 | • |
| MILLVILLE | 2.13 | .15 | .08 | | | | .04 | | | | | | .34 | .10 | | T | | .20 | | T | .31 | | | | .52 | .13 | | | .26 | | | | • |
| MILLVILLE FAA AIRPORT | 4.47 | | .08 | T | T | .02 | .01 | | | T | T | .04 | .36 | | | .02 | .31 | | T | .36 | | | | .49 | .21 | | | .15 | 1.02 | .79 | .61 | | • |
| MOORESTOWN | 5.85 | | | T | T | | .39 | | | | T | | | .99 | | .01 | T | .22 | | | .23 | | .02 | | .88 | .08 | | .09 | .18 | 2.37 | | .39 | • |
| NEW BRUNSWICK EXP STA | 9.18 | .57 | | | | | .15 | | | | .02 | .84 | | | | | | .07 | .03 | | .44 | | | .02 | .52 | | | | .40 | 5.21 | | .91 | • |
| NEW MONMOUTH | 5.14 | .24 | T | | .05 | | | | | | .02 | .62 | T | | | | | | .07 | .02 | .12 | | .02 | .03 | .44 | | | | .43 | 2.96 | .01 | .11 | • |
| PEMBERTON 3 E | 5.84 | .30 | | | | | .03 | | | .07 | | .13 | .78 | .04 | | T | | .26 | | | .17 | .05 | | .12 | .48 | .03 | | | .61 | 2.58 | | .19 | • |
| PENNSAUKEN | 5.33 | .25 | .03 | | | | .28 | | | | .02 | | .20 | .08 | | .02 | T | .29 | T | .16 | .03 | | | T | .96 | T | | .05 | .52 | 2.15 | .1 | .19 | • |
| PRINCETON WATER WORKS | 5.17 | | .04 | .11 | | T | T | | | | T | .75 | .05 | | | | T | .03 | T | .12 | .12 | T | | .21 | .26 | | | T | .88 | 2.33 | .27 | | • |
| SEABROOK FARMS | 5.00 | .18 | .02 | | | | .27 | | | | | | .59 | .19 | T | .01 | .01 | .24 | | | .23 | | | | .61 | .17 | | | .40 | 1.89 | .01 | .18 | • |
| SHILOH | 5.36 | .20 | .07 | | | | .30 | | | | .01 | .02 | .60 | .32 | | .01 | .12 | .02 | | | .18 | | | .31 | .56 | | | .07 | 1.33 | .85 | .01 | .38 | • |
| TOMS RIVER | 6.24 | .17 | | | | | | | | | .05 | | .90 | .12 | | | | .07 | | | .07 | | .03 | | .35 | .08 | | | .15 | 4.02 | .03 | .20 | • |
| TRENTON WB CITY R | 5.84 | .01 | .01 | .03 | .01 | .02 | .03 | | | T | T | .78 | .09 | T | | T | .62 | | .04 | .26 | T | T | | .38 | .19 | | | .07 | .85 | 2.32 | .13 | | • |
| TUCKERTON | 6.33 | T | | | .01 | | T | | | | .02 | .05 | .56 | .09 | | | .02 | .02 | T | T | | .18 | | .12 | .31 | T | | T | 1.06 | 3.71 | | .18 | • |
| WOODSTOWN | 4.44 | | .07 | T | .02 | T | .32 | | | | .03 | .06 | .41 | | | .06 | .14 | .01 | T | | .18 | .01 | | .37 | .24 | .05 | | .01 | 1.45 | .83 | .04 | .14 | • |
| • • • | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 5.04 | .02 | | .08 | | | | | | | .01 | .02 | .77 | .01 | | | .17 | | | .33 | | | | .11 | .16 | | | .05 | .69 | 2.21 | .41 | | • |
| BELMAR 2 SW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | • |
| CAPE MAY 3 W | 4.04 | .28 | .10 | .27 | .40 | .05 | .02 | | | | T | | .17 | | | T | T | .02 | | | .36 | | | | .42 | .02 | | .04 | .92 | 1.02 | | | • |
| LONG BRANCH 2 N | 5.08 | .22 | | T | .02 | | .01 | | | | .04 | .06 | .57 | T | | | | .06 | .03 | T | .07 | .01 | | .03 | .30 | T | | | .56 | 2.94 | | .16 | • |

# SUPPLEMENTAL DATA

| Station | Wind (Speed - m.p.h.) | | | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | EASTERN STANDARD TIME 1 AM | 7 AM | 1 PM | 7 PM | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 24 | 1.5 | 10.7 | 25++ | 8 | 28 | 80 | 73 | 49 | 63 | 9 | 5 | 4 | 1 | 1 | 1 | 21 | 41 | 7.0 |
| ATLANTIC CITY ST. MARINA | - | - | - | 35 | F | 28 | - | - | - | - | 0 | 6 | 5 | 2 | 0 | 1 | 14 | - | - |
| NEWARK WB AIRPORT | 29 | 1.0 | 10.0 | 24++ | 22 | 03 | 69 | 68 | 50 | 56 | 6 | 5 | 6 | 2 | 0 | 1 | 20 | - | 6.8 |
| TRENTON WB CITY | - | - | - | 32 | E | 26 | - | - | - | - | 6 | 9 | 4 | 3 | 0 | 1 | 23 | 55 | 7.2 |

# DAILY TEMPERATURES

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 63 | 58 | 69 | 78 | 69 | 68 | 63 | 68 | 69 | 73 | 73 | 65 | 70 | 62 | 66 | 64 | 65 | 78 | 62 | 69 | 58 | 68 | 72 | 62 | 60 | 75 | 75 | 63 | 54 | 67 | 74 | 67.1 |
| | MIN | 37 | 39 | 45 | 52 | 39 | 43 | 32 | 34 | 38 | 44 | 45 | 51 | 52 | 42 | 44 | 50 | 55 | 54 | 50 | 44 | 43 | 41 | 44 | 48 | 43 | 42 | 43 | 43 | 46 | 48 | 52 | 44.6 |
| BOONTON 1 SE | MAX | 60 | 56 | 65 | 78 | 68 | 67 | 60 | 65 | 65 | 73 | 74 | 65 | 63 | 62 | 66 | 67 | 65 | 77 | 60 | 71 | 59 | 68 | 70 | 64 | 61 | 74 | 79 | 61 | 56 | 69 | 73 | 66.5 |
| | MIN | 35 | 41 | 46 | 53 | 38 | 45 | 43 | 35 | 37 | 45 | 45 | 50 | 51 | 39 | 41 | 49 | 57 | 52 | 45 | 48 | 48 | 44 | 42 | 51 | 52 | 48 | 39 | 47 | 50 | 49 | 54 | 45.8 |
| CANOE BROOK | MAX | 61 | 58 | 67 | 79 | 69 | 68 | 61 | 67 | 64 | 76 | 75 | 67 | 67 | 67 | 67 | 69 | 66 | 78 | 64 | 72 | 63 | 70 | 73 | 67 | 60 | 75 | 78 | 58 | 59 | 68 | 74 | 68.0 |
| | MIN | 34 | 40 | 48 | 56 | 38 | 46 | 34 | 33 | 38 | 51 | 44 | 52 | 49 | 39 | 40 | 45 | 56 | 53 | 50 | 45 | 43 | 40 | 43 | 51 | 41 | 40 | 43 | 50 | 50 | 48 | 56 | 45.0 |
| CHARLOTTEBURG | MAX | 60 | 54 | 63 | 79 | 65 | 65 | 59 | 64 | 65 | 72 | 72 | 63 | 61 | 60 | 65 | 65 | 63 | 75 | 58 | 67 | 57 | 66 | 69 | 64 | 60 | 71 | 78 | 54 | 57 | 66 | 72 | 64.8 |
| | MIN | 38 | 38 | 42 | 46 | 39 | 41 | 38 | 35 | 35 | 40 | 45 | 48 | 50 | 40 | 41 | 46 | 56 | 53 | 49 | 45 | 45 | 48 | 40 | 43 | 46 | 40 | 39 | 44 | 47 | 47 | 48 | 43.6 |
| ELIZABETH | MAX | 59 | 68 | 75 | 71 | 70 | 64 | 69 | 67 | 76 | 75 | 72 | 66 | 65 | 68 | 69 | 66 | 80 | 76 | 72 | 68 | 71 | 74 | 80 | 60 | 72 | 75 | 76 | 56 | 70 | 75 | 71 | 70.2 |
| | MIN | 37 | 42 | 50 | 58 | 48 | 48 | 40 | 44 | 42 | 56 | 55 | 52 | 53 | 42 | 44 | 52 | 58 | 55 | 51 | 47 | 46 | 46 | 47 | 53 | 46 | 47 | 35 | 50 | 51 | 50 | 57 | 48.5 |
| ESSEX FELLS SERV BLDG | MAX | 60 | 57 | 66 | 80 | 67 | | | | | | | | | | | | | | | | | | | | | | | | | 68 | 73 | |
| | MIN | 35 | 37 | 46 | 55 | 40 | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 52 | |
| FLEMINGTON 1 NE | MAX | 63 | 57 | 66 | 82 | 68 | 67 | 61 | 67 | 69 | 75 | 75 | 63 | 71 | 63 | 66 | 67 | 66 | 77 | 61 | 72 | 57 | 68 | 70 | 64 | 61 | 73 | 76 | 58 | 56 | 72 | 75 | 67.3 |
| | MIN | 32 | 33 | 41 | 48 | 36 | 45 | 32 | 30 | 30 | 36 | 44 | 47 | 53 | 39 | 39 | 45 | 57 | 52 | 48 | 47 | 42 | 40 | 39 | 39 | 43 | 39 | 39 | 41 | 49 | 47 | 51 | 42.0 |
| HIGH POINT PARK | MAX | 59 | 52 | 62 | 77 | 63 | 65 | 63 | 62 | 65 | 72 | 72 | 61 | 65 | | 64 | 61 | 65 | 78 | 71 | 68 | 61 | 78 | | 70 | 52 | 71 | 76 | 57 | 52 | 59 | 69 | 65.2 |
| | MIN | 32 | 33 | 36 | 42 | 38 | 32 | 32 | 39 | 43 | 50 | 48 | 46 | 40 | | 40 | 45 | 52 | 49 | 44 | 40 | 45 | 40 | | 40 | 42 | 48 | 38 | 41 | 43 | 44 | 48 | 41.7 |
| JERSEY CITY | MAX | 57 | 66 | 68 | 66 | 66 | 59 | 67 | 58 | 76 | 74 | 65 | 62 | 59 | 62 | 64 | 64 | 79 | 67 | 71 | 60 | 70 | 71 | 64 | 59 | 76 | 78 | 60 | 55 | 68 | 68 | 69 | 66.1 |
| | MIN | 41 | 44 | 55 | 60 | 48 | 50 | 44 | 49 | 50 | 60 | 50 | 53 | 50 | 48 | 51 | 52 | 60 | 52 | 52 | 50 | 50 | 52 | 51 | 53 | 50 | 52 | 50 | 51 | 51 | 57 | 57 | 51.4 |
| LAMBERTVILLE | MAX | 58 | 67 | 83 | 76 | 70 | 62 | 67 | 72 | 76 | 75 | 74 | 76 | 73 | 67 | 68 | 68 | 79 | 77 | 74 | 71 | 69 | 71 | 71 | 60 | 75 | 80 | 76 | 54 | 74 | 76 | 68 | 71.2 |
| | MIN | 36 | 39 | 51 | 57 | 39 | 45 | 31 | 33 | 40 | 58 | 47 | 50 | 53 | 40 | 44 | 54 | 53 | 55 | 50 | 46 | 43 | 41 | 43 | 52 | 43 | 41 | 45 | 48 | 53 | 49 | 55 | 46.3 |
| LAYTON 2 | MAX | 64 | 54 | 65 | 80 | 65 | 65 | 61 | 65 | 69 | 73 | 73 | 66 | 60 | 59 | 69 | 63 | 65 | 78 | 65 | 69 | 60 | 66 | 68 | 69 | 61 | 73 | 77 | 64 | 57 | 63 | 72 | 66.4 |
| | MIN | 36 | 38 | 42 | 43 | 33 | 41 | 28 | 28 | 31 | 45 | 39 | 48 | 51 | 43 | 42 | 47 | 51 | 50 | 47 | 42 | 40 | 37 | 39 | 43 | 42 | 36 | 37 | 40 | 48 | 51 | 53 | 41.6 |
| LITTLE FALLS | MAX | 63 | 59 | 68 | 82 | 68 | 70 | 62 | 69 | 66 | 77 | 77 | 67 | 65 | 65 | 69 | 70 | 67 | 81 | 61 | 72 | 61 | 70 | 73 | 67 | 63 | 76 | 80 | 59 | 60 | 72 | 75 | 68.8 |
| | MIN | 39 | 43 | 48 | 56 | 44 | 46 | 40 | 38 | 41 | 48 | 50 | 51 | 52 | 42 | 45 | 52 | 57 | 56 | 49 | 46 | 49 | 45 | 46 | 52 | 45 | 45 | 45 | 49 | 52 | 53 | 57 | 47.8 |
| LONG VALLEY | MAX | 61 | 54 | 65 | 78 | 66 | 66 | 60 | 66 | 67 | 73 | 73 | 64 | 70 | 59 | 65 | 65 | 63 | 76 | 63 | 69 | 58 | 67 | 70 | 63 | 59 | 74 | 77 | 59 | 54 | 68 | 72 | 65.9 |
| | MIN | 32 | 34 | 40 | 45 | 37 | 41 | 34 | 29 | 29 | 34 | 42 | 43 | 49 | 35 | 35 | 39 | 53 | 51 | 41 | 42 | 40 | 40 | 38 | 38 | 45 | 38 | 40 | 41 | 43 | 44 | 48 | 40.0 |
| MORRIS PLAINS 1 W | MAX | 60 | 55 | 66 | 80 | 67 | 67 | 60 | 66 | 66 | 75 | 75 | 65 | 65 | 59 | 66 | 66 | 64 | 78 | 61 | 70 | 60 | 69 | 71 | 65 | 60 | 75 | 78 | 60 | 58 | 69 | 73 | 66.7 |
| | MIN | 34 | 40 | 43 | 48 | 39 | 40 | 41 | 34 | 36 | 39 | 46 | 50 | 51 | 38 | 40 | 42 | 56 | 53 | 46 | 45 | 35 | 47 | 41 | 50 | 48 | 43 | 44 | 46 | 48 | 46 | 51 | 43.9 |
| NEWARK WB AIRPORT | MAX | 57 | 68 | 73 | 68 | 67 | 63 | 69 | 61 | 77 | 75 | 68 | 66 | 60 | 64 | 69 | 67 | 79 | 65 | 72 | 62 | 70 | 71 | 68 | 62 | 75 | 78 | 61 | 57 | 71 | 72 | 71 | 67.9 |
| | MIN | 40 | 43 | 52 | 56 | 49 | 48 | 45 | 49 | 48 | 59 | 53 | 54 | 50 | 47 | 49 | 58 | 59 | 52 | 52 | 50 | 49 | 53 | 52 | 53 | 50 | 52 | 50 | 51 | 55 | 54 | 56 | 51.2 |
| NEWTON | MAX | 64 | 55 | 65 | 81 | 65 | 65 | 60 | 66 | 71 | 75 | 74 | 75 | 65 | 61 | 69 | 65 | 66 | 79 | 62 | 70 | 58 | 68 | 70 | 65 | 60 | 74 | 79 | 60 | 56 | 65 | 76 | 67.2 |
| | MIN | 35 | 40 | 44 | 51 | 34 | 34 | 34 | 29 | 37 | 50 | 39 | 47 | 50 | 39 | 39 | 47 | 57 | 50 | 45 | 43 | 39 | 37 | 38 | 47 | 37 | 34 | 41 | 46 | 47 | 43 | 45 | 41.9 |
| PATERSON | MAX | 63 | 67 | 68 | 78 | 65 | 70 | 61 | 68 | 67 | 78 | 77 | 67 | 64 | 63 | 70 | 72 | 75 | 82 | 70 | 73 | 63 | 71 | 78 | 70 | 63 | 76 | 80 | 61 | 62 | 70 | 76 | 69.9 |
| | MIN | 40 | 45 | 50 | 56 | 45 | 47 | 42 | 41 | 44 | 58 | 52 | 50 | 52 | 43 | 46 | 56 | 57 | 55 | 48 | 43 | 46 | 48 | 48 | 52 | 49 | 49 | 43 | 48 | 50 | 52 | 53 | 48.6 |
| PHILLIPSBURG | MAX | 60 | 67 | 82 | 82 | 71 | 67 | 68 | 69 | 75 | 75 | 73 | 70 | 75 | 68 | 66 | 68 | 77 | 78 | 70 | 72 | 68 | 71 | 73 | 60 | 75 | 74 | 69 | 57 | 70 | 75 | 68 | 70.7 |
| | MIN | 35 | 43 | 49 | 57 | 41 | 43 | 31 | 34 | 40 | 55 | 47 | 51 | 52 | 40 | 46 | 56 | 53 | 54 | 48 | 45 | 46 | 42 | 42 | 52 | 44 | 40 | 36 | 48 | 49 | 48 | 55 | 45.9 |
| PLAINFIELD | MAX | 58 | 68 | 82 | 70 | 69 | 62 | 70 | 66 | 78 | 77 | 68 | 67 | 59 | 68 | 70 | 67 | 80 | 64 | 74 | 62 | 70 | 73 | 67 | 61 | 77 | 80 | 70 | 56 | 73 | 75 | 72 | 69.5 |
| | MIN | 36 | 40 | 49 | 57 | 44 | 47 | 36 | 38 | 40 | 57 | 50 | 50 | 53 | 33 | 42 | 57 | 56 | 56 | 50 | 46 | 43 | 43 | 44 | 53 | 43 | 44 | 47 | 50 | 53 | 49 | 57 | 47.2 |
| SOMERVILLE | MAX | 58 | 67 | 83 | 78 | 68 | 62 | 68 | 70 | 77 | 76 | 69 | 70 | 69 | 68 | 69 | 67 | 78 | 73 | 73 | 68 | 69 | 72 | 67 | 61 | 76 | 79 | 75 | 56 | 71 | 75 | 70 | 70.4 |
| | MIN | 33 | 40 | 49 | 57 | 45 | 45 | 35 | 36 | 40 | 58 | 48 | 50 | 53 | 40 | 42 | 55 | 54 | 54 | 48 | 45 | 44 | 47 | 42 | 52 | 41 | 42 | 47 | 49 | 53 | 47 | 56 | 46.7 |
| SUSSEX 1 SE | MAX | 62 | 53 | 64 | 78 | 68 | | 60 | 65 | 67 | 73 | 73 | 68 | 60 | 59 | 67 | 63 | 65 | 77 | 57 | 67 | 57 | 65 | 68 | 65 | 60 | 72 | 77 | 60 | 57 | 64 | 74 | 65.5 |
| | MIN | 32 | 34 | 39 | 44 | 34 | | 26 | 27 | 31 | 41 | 38 | 43 | 45 | 38 | 39 | 42 | 52 | 48 | 43 | 43 | 37 | 35 | 37 | 40 | 34 | 35 | 37 | 42 | 43 | 45 | 47 | 39.0 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 60 | 66 | 86 | 74 | 63 | 61 | 69 | 66 | 74 | 82 | 67 | 75 | 57 | 60 | 69 | 69 | 83 | 71 | 79 | 63 | 73 | 74 | 67 | 63 | 77 | 81 | 55 | 57 | 75 | 73 | 73 | 69.7 |
| | MIN | 35 | 40 | 48 | 56 | 48 | 38 | 36 | 38 | 50 | 55 | 51 | 57 | 43 | 38 | 47 | 50 | 58 | 57 | 50 | 48 | 47 | 45 | 45 | 51 | 48 | 44 | 50 | 50 | 56 | 52 | 56 | 48.0 |
| AUDUBON | MAX | 60 | 68 | 84 | 71 | 72 | 61 | 69 | 73 | 78 | 77 | 70 | 77 | 66 | 69 | 69 | 70 | 80 | 75 | 76 | 63 | 72 | 74 | 65 | 59 | 76 | 78 | 62 | 58 | 74 | 77 | 72 | 70.8 |
| | MIN | 39 | 44 | 51 | 58 | 49 | 44 | 41 | 38 | 42 | 55 | 52 | 53 | 52 | 42 | 47 | 54 | 59 | 55 | 53 | 49 | 50 | 45 | 47 | 54 | 46 | 45 | 48 | 48 | 57 | 52 | 56 | 49.2 |
| BELLEPLAIN ST FOREST | MAX | 64 | 67 | 87 | 86 | 70 | 63 | 69 | 68 | 74 | 81 | 79 | 73 | 72 | 62 | 71 | 72 | 83 | 82 | 79 | 72 | 72 | 74 | 72 | 63 | 77 | 78 | 76 | 55 | 73 | 75 | 72 | 72.9 |
| | MIN | 32 | 36 | 44 | 55 | 53 | 45 | 32 | 31 | 43 | 58 | 47 | 54 | 54 | 38 | 45 | 50 | 55 | 60 | 47 | 44 | 45 | 42 | 41 | 55 | 45 | 42 | 49 | 48 | 54 | 49 | 55 | 46.7 |
| BURLINGTON | MAX | 64 | 67 | 85 | 76 | 70 | 68 | 69 | 72 | 78 | 78 | 76 | 76 | 73 | 67 | 62 | 73 | 80 | 79 | 74 | 72 | 69 | 73 | 72 | 59 | 75 | 82 | 80 | 55 | 75 | 76 | 71 | 72.5 |
| | MIN | 38 | 38 | 52 | 59 | 48 | 40 | 40 | 45 | 44 | 56 | 52 | 52 | 54 | 45 | 47 | 54 | 58 | 57 | 53 | 46 | 49 | 50 | 50 | 53 | 44 | 49 | 46 | 43 | 53 | 53 | 56 | 49.2 |
| CHATSWORTH | MAX | 59 | 67 | 84 | 78 | 69 | 63 | 68 | 68 | 77 | 77 | 76 | 75 | 75 | 65 | 69 | 70 | 80 | 80 | 76 | 62 | 70 | 73 | 72 | 58 | 76 | 82 | 81 | 54 | 72 | 76 | 71 | 71.7 |
| | MIN | 34 | 38 | 50 | 57 | 50 | 43 | 35 | 33 | 39 | 47 | 50 | 50 | 52 | 37 | 43 | 52 | 58 | 56 | 50 | 44 | 43 | 41 | 41 | 53 | 43 | 41 | 49 | 48 | 52 | 48 | 55 | 46.2 |
| FREEHOLD | MAX | 60 | 58 | 66 | 82 | 72 | 66 | 62 | 68 | 64 | 79 | 78 | 63 | 70 | 59 | 65 | 70 | 73 | 78 | 63 | 73 | 62 | 70 | 71 | 68 | 57 | 74 | 78 | 57 | 59 | 73 | 74 | 68.1 |
| | MIN | 34 | 39 | 47 | 56 | 44 | 46 | 34 | 40 | 44 | 55 | 48 | 49 | 52 | 38 | 43 | 54 | 56 | 52 | 50 | 46 | 46 | 45 | 42 | 52 | 47 | 44 | 47 | 46 | 49 | 51 | 56 | 46.8 |
| GLASSBORO | MAX | 65 | 66 | 67 | 85 | 72 | 71 | 62 | 67 | 71 | 77 | 77 | 67 | 76 | 60 | 62 | 69 | 70 | 80 | 77 | 76 | 69 | 69 | 72 | 65 | 59 | 75 | 78 | 58 | 60 | 73 | 76 | 70.0 |
| | MIN | 39 | 41 | 46 | 58 | 49 | 43 | 34 | 38 | 43 | 54 | 52 | 56 | 54 | 48 | 48 | 52 | 57 | 59 | 50 | 47 | 47 | 43 | 46 | 52 | 47 | 46 | 52 | 46 | 50 | 55 | 55 | 48.6 |
| HAMMONTON 2 NNE | MAX | 64 | 62 | 68 | 87 | 74 | 67 | 70 | 69 | 78 | 76 | 78 | 70 | 75 | 59 | 66 | 70 | 71 | 83 | 74 | 78 | 65 | 72 | 75 | 66 | 62 | 70 | 79 | 58 | 59 | 73 | 77 | 70.8 |
| | MIN | 36 | 40 | 49 | 56 | 50 | 44 | 39 | 43 | 56 | 55 | 50 | 52 | 53 | 41 | 46 | 52 | 57 | 58 | 51 | 47 | 47 | 45 | 47 | 54 | 49 | 48 | 49 | 48 | 52 | 54 | 55 | 49.1 |
| HIGHTSTOWN 1 N | MAX | 57 | 65 | 82 | 73 | 68 | 60 | 66 | 68 | 77 | 76 | 70 | 69 | 60 | 67 | 69 | 70 | 77 | 73 | 73 | 67 | 69 | 71 | 68 | 58 | 74 | 77 | 69 | 53 | 73 | 76 | 69 | 69.2 |
| | MIN | 36 | 38 | 50 | 57 | 44 | 45 | 33 | 34 | 41 | 56 | 47 | 50 | 53 | 38 | 42 | 53 | 57 | 54 | 51 | 46 | 45 | 45 | 43 | 52 | 44 | 42 | 46 | 49 | 52 | 52 | 56 | 46.8 |
| INDIAN MILLS 2 W | MAX | 58 | 65 | 84 | 74 | 70 | 61 | 66 | 68 | 77 | 77 | 67 | 75 | 68 | 65 | 69 | 69 | 79 | 73 | 75 | 61 | 70 | 71 | 65 | 57 | 74 | 78 | 66 | 56 | 72 | 75 | 70 | 69.5 |
| | MIN | 34 | 34 | 49 | 57 | 47 | 42 | 31 | 29 | 39 | 54 | 45 | 50 | 52 | 36 | 42 | 50 | 58 | 55 | 47 | 44 | 43 | 40 | 40 | 52 | 43 | 38 | 47 | 47 | 55 | 49 | 53 | 45.2 |
| MILLVILLE | MAX | 66 | 62 | 66 | 85 | 73 | 70 | 62 | 66 | 71 | 78 | 79 | 68 | 75 | 60 | 67 | 70 | 70 | 78 | 80 | 76 | 63 | 69 | 71 | 65 | 62 | 77 | 78 | 55 | | | | 70.1 |
| | MIN | 38 | 40 | 47 | 58 | 52 | 44 | 35 | 35 | 49 | 58 | 50 | 53 | 53 | 39 | 47 | 44 | 56 | 61 | 53 | 49 | 50 | 47 | 46 | 44 | 48 | 44 | 51 | 46 | | | | 47.8 |
| MILLVILLE FAA AIRPORT | MAX | 61 | 66 | 85 | 72 | 70 | 60 | 68 | 67 | 75 | 78 | 67 | 76 | 59 | 64 | 70 | 67 | 82 | 79 | 77 | 62 | 69 | 71 | 66 | 61 | 74 | 77 | 55 | 59 | 73 | 74 | 69 | 69.5 |
| | MIN | 38 | 37 | 47 | 59 | 49 | 44 | 38 | 37 | 51 | 57 | 53 | 58 | 47 | 41 | 48 | 53 | 57 | 57 | 52 | 49 | 49 | 46 | 46 | 52 | 49 | 46 | 48 | 50 | 56 | 55 | 55 | 49.2 |
| MOORESTOWN | MAX | 59 | 65 | 83 | 70 | 70 | 60 | 67 | 69 | 75 | 78 | 66 | 75 | 58 | 65 | 69 | 69 | 78 | 71 | 74 | 60 | 67 | 71 | 63 | 56 | 75 | 80 | 59 | 59 | | 75 | 69 | 68.5 |
| | MIN | 38 | 42 | 47 | 57 | 46 | 41 | 39 | 34 | 42 | 55 | 51 | 52 | 53 | 39 | 44 | 54 | 58 | 51 | 51 | 49 | 49 | 43 | 43 | 53 | 45 | 42 | 49 | 47 | 50 | 49 | 55 | 47.4 |
| NEW BRUNSWICK EXP STA | MAX | 58 | 66 | 80 | 80 | 80 | 64 | 67 | 67 | 76 | 75 | 74 | 65 | 65 | 65 | 67 | 68 | 78 | 78 | 70 | 71 | 68 | 69 | 69 | 58 | 75 | 77 | 75 | 55 | 71 | 72 | 70 | 70.1 |
| | MIN | 36 | 44 | 56 | 57 | 45 | 46 | 37 | 45 | 42 | 57 | 51 | 50 | 53 | 40 | 43 | 56 | 56 | 52 | 51 | 47 | 48 | 47 | 46 | 52 | 48 | 45 | 50 | 50 | 52 | 52 | 56 | 48.7 |

See Reference Notes Following Station Index

# DAILY TEMPERAT URES

Continued

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW MONMOUTH | MAX | 60 | 63 | 71 | 72 | 67 | 63 | 65 | 65 | 78 | 78 | 76 | 61 | 62 | 63 | 68 | 70 | 78 | 78 | 72 | 68 | 70 | 71 | 72 | 59 | 75 | 78 | 77 | 53 | 72 | 73 | 70 | 69.3 |
| | MIN | 38 | 40 | 52 | 59 | 50 | 48 | 48 | 42 | 43 | 57 | 50 | 58 | 54 | 38 | 42 | 55 | 59 | 53 | 52 | 46 | 51 | 47 | 43 | 53 | 49 | 44 | 52 | 49 | 53 | 52 | 57 | 49.5 |
| PEMBERTON 3 E | MAX | 60 | 65 | 82 | 75 | 76 | 60 | 69 | 68 | 77 | 76 | 73 | 75 | 67 | 65 | 70 | 70 | 79 | 75 | 76 | 71 | 68 | 73 | 73 | 57 | 74 | 78 | 70 | 54 | 73 | 74 | 72 | 70.8 |
| | MIN | 33 | 37 | 50 | 56 | 48 | 44 | 30 | 31 | 42 | 54 | 47 | 50 | 54 | 37 | 43 | 51 | 56 | 51 | 51 | 45 | 42 | 39 | 43 | 52 | 42 | 40 | 48 | 48 | 49 | 52 | 55 | 45.8 |
| SEABROOK FARMS | MAX | 65 | 61 | 67 | 85 | 71 | 69 | 60 | 66 | 69 | 76 | 78 | 68 | 75 | 59 | 66 | 70 | 70 | 80 | 79 | 74 | 62 | 68 | 72 | 65 | 61 | 74 | 76 | 55 | 59 | 73 | 76 | 69.3 |
| | MIN | 40 | 40 | 48 | 58 | 51 | 44 | 36 | 37 | 49 | 58 | 50 | 53 | 54 | 43 | 47 | 53 | 57 | 62 | 52 | 49 | 48 | 46 | 47 | 55 | 49 | 48 | 51 | 48 | 49 | 55 | 56 | 49.5 |
| SHILOH | MAX | 61 | 65 | 83 | 81 | 72 | 65 | 66 | 67 | 75 | 75 | 76 | 75 | 74 | 63 | 69 | 70 | 79 | 79 | 78 | 75 | 68 | 71 | 71 | 62 | 74 | 76 | 75 | 56 | 73 | 73 | 70 | 71.5 |
| | MIN | 41 | 41 | 48 | 56 | 50 | 43 | 40 | 41 | 48 | 56 | 52 | 53 | 53 | 42 | 47 | 55 | 57 | 61 | 51 | 47 | 49 | 48 | 47 | 53 | 50 | 48 | 48 | 46 | 55 | 54 | 53 | 49.5 |
| TOMS RIVER | MAX | 61 | 58 | 66 | 85 | 73 | 63 | 61 | 68 | 64 | 76 | 78 | 68 | 75 | 58 | 62 | 69 | 72 | 80 | 63 | 76 | 62 | 69 | 71 | 69 | 66 | 75 | 78 | 57 | 60 | 74 | 73 | 68.7 |
| | MIN | 35 | 38 | 48 | 53 | 52 | 47 | 36 | 33 | 39 | 50 | 49 | 52 | 54 | 38 | 43 | 54 | 59 | 56 | 52 | 47 | 45 | 42 | 43 | 54 | 47 | 41 | 45 | 39 | 47 | 50 | 56 | 46.6 |
| TRENTON WB CITY | MAX | 57 | 66 | 82 | 69 | 67 | 60 | 67 | 68 | 75 | 75 | 65 | 71 | 58 | 66 | 69 | 69 | 77 | 66 | 72 | 60 | 67 | 70 | 63 | 57 | 74 | 78 | 57 | 55 | 74 | 75 | 68 | 67.6 |
| | MIN | 41 | 44 | 55 | 56 | 49 | 47 | 42 | 47 | 48 | 59 | 51 | 53 | 48 | 45 | 49 | 56 | 60 | 55 | 54 | 50 | 49 | 50 | 51 | 52 | 50 | 51 | 49 | 49 | 55 | 56 | 57 | 50.9 |
| TUCKERTON | MAX | 60 | 68 | 79 | 76 | 68 | 60 | 69 | 61 | 69 | 79 | 76 | 73 | 66 | 60 | 65 | 66 | 82 | 79 | 76 | 70 | 70 | 72 | 70 | 61 | 74 | 76 | 60 | 56 | 76 | 69 | 72 | 69.6 |
| | MIN | 34 | 37 | 47 | 57 | 51 | 46 | 34 | 37 | 45 | 50 | 49 | 52 | 53 | 37 | 43 | 50 | 56 | 58 | 51 | 48 | 45 | 45 | 43 | 57 | 47 | 43 | 47 | 48 | 54 | 52 | 55 | 47.5 |
| WOODSTOWN | MAX | 65 | 67 | 84 | 79 | 71 | 67 | 68 | 70 | 77 | 77 | 67 | 76 | 75 | 66 | 70 | 70 | 81 | 80 | 78 | 70 | 70 | 73 | 73 | 60 | 76 | 77 | 75 | 56 | 74 | 75 | 71 | 72.2 |
| | MIN | 42 | 40 | 47 | 57 | 50 | 44 | 34 | 35 | 41 | 55 | 48 | 52 | 54 | 43 | 46 | 52 | 58 | 59 | 50 | 48 | 46 | 43 | 46 | 54 | 44 | 44 | 49 | 47 | 54 | 53 | 55 | 48.1 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 62 | 67 | 69 | 74 | 60 | 61 | 69 | 58 | 62 | 71 | 63 | 67 | 58 | 59 | 64 | 63 | 83 | 71 | 77 | 63 | 71 | 73 | 68 | 63 | 72 | 72 | 56 | 58 | 71 | 64 | 72 | 66.5 |
| | MIN | 43 | 45 | 55 | 59 | 54 | 49 | 45 | 50 | 55 | 58 | 55 | 56 | 52 | 50 | 54 | 54 | 61 | 60 | 58 | 53 | 53 | 52 | 54 | 55 | 53 | 53 | 53 | 54 | 58 | 59 | 58 | 53.8 |
| CAPE MAY 3 W | MAX | 60 | 63 | 75 | 70 | 70 | 63 | | 62 | 67 | 78 | 72 | 67 | 68 | 63 | 68 | 70 | 75 | 80 | 75 | 74 | 70 | 71 | 73 | 67 | 71 | 76 | 75 | 58 | 71 | 70 | 70 | 69.7 |
| | MIN | 49 | 46 | 52 | 51 | 51 | 48 | 49 | 46 | 53 | 57 | 55 | 55 | 55 | 45 | 52 | 54 | 58 | 63 | 59 | 55 | 56 | 55 | 53 | 57 | 54 | 57 | 52 | 50 | 55 | 57 | 57 | 53.4 |
| LONG BRANCH 2 N | MAX | 58 | 65 | 65 | 71 | 65 | 60 | 67 | 66 | 71 | 76 | 72 | 62 | 59 | 59 | 64 | 64 | 77 | 77 | 70 | 62 | 69 | 69 | 64 | 59 | 75 | 72 | 67 | 53 | 71 | 64 | 69 | 66.5 |
| | MIN | 40 | 44 | 52 | 60 | 50 | 48 | 47 | 47 | 50 | 58 | 52 | 51 | 53 | 45 | 47 | 54 | 56 | 53 | 54 | 50 | 51 | 49 | 50 | 53 | 51 | 54 | 50 | 48 | 52 | 51 | 56 | 50.8 |

# EVAPORATION AND WIND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | EVAP | .34 | .09 | .16 | .14 | .03 | .18 | .15 | .30 | .09 | .22 | .14 | .05 | .11 | .11 | .10 | .09 | .02 | .14 | .16 | .09 | .10 | .15 | .18 | * | .09 | .16 | .22 | .14 | - | - | - | 4.15B |
| | WIND | 36 | 22 | 34 | 26 | 20 | 51 | 14 | 39 | 42 | 45 | 13 | 28 | 27 | 14 | 31 | 12 | 12 | 19 | 12 | 74 | 37 | 19 | 22 | 12 | 19 | 37 | 28 | 82 | - | - | - | 916B |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | EVAP | .08 | .11 | .11 | .15 | .19 | .14 | .20 | .15 | .13 | .09 | .16 | .01 | .15 | .12 | .08 | .05 | .14 | .11 | .15 | .16 | .13 | .16 | .06 | .04 | .13 | .17 | .16 | .02 | - | .12 | .13 | 3.72B |
| | WIND | 15 | 16 | 14 | 21 | 20 | 22 | 21 | 35 | 40 | 30 | 31 | 47 | 52 | 36 | 13 | 26 | 24 | 30 | 18 | 40 | 21 | 15 | 5 | 30 | 14 | 6 | 115 | 185 | 27 | 33 | 27 | 1029 |
| RUTGERS MICRO-MET STA | EVAP | .22 | .37 | .21 | .22 | .18 | .19 | .18 | .25 | .15 | .36 | .21 | .03 | .15 | .09 | .17 | .07 | .04 | .32 | .07 | - | .18 | .25 | .15 | - | .17 | .27 | .21 | .26 | - | - | - | 5.93B |
| | WIND | 67 | 81 | 93 | 78 | 54 | 57 | 69 | 58 | 62 | 122 | 68 | 85 | 46 | 45 | 38 | 33 | 46 | 102 | 89 | 113 | 127 | 95 | 48 | 65 | 65 | 57 | 122 | 159 | 152 | 53 | 61 | 2410 |
| SEABROOK FARMS | EVAP | .18 | .18 | .21 | .28 | .21 | .21 | .19 | .25 | .23 | .24 | .22 | .07 | .08 | .09 | .14 | .09 | .05 | .30 | * | .41 | .21 | .20 | .22 | .01 | .04 | .25 | .32 | .06 | - | .11 | .18 | 5.40B |
| | WIND | 38 | 46 | 43 | 59 | 49 | 69 | 41 | 36 | 59 | 100 | 45 | 63 | 65 | 41 | 36 | 14 | 36 | 44 | * | 88 | 83 | 43 | 30 | 37 | 35 | 28 | 86 | 149 | 140 | 30 | 55 | 1688 |
| | MAX | 72 | 69 | 74 | 83 | 74 | 79 | 69 | 76 | 77 | 76 | 79 | 64 | 75 | 60 | 73 | 74 | 71 | 85 | - | 85 | 67 | 73 | 81 | 61 | 62 | 84 | 85 | 54 | 57 | 79 | 82 | 73.3 |
| | MIN | 43 | 44 | 47 | 54 | 52 | 46 | 42 | 43 | 47 | 49 | 57 | 55 | 57 | 46 | 47 | 53 | 59 | 60 | - | 51 | 48 | 49 | 52 | 54 | 51 | 53 | 49 | 47 | 49 | 56 | 57 | 50.6 |

See Reference Notes Following Station Index

# DAILY SOIL TEMPERATURES

NEW JERSEY
MAY 1968

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| RUTGERS MICRD-MET STA<br>PLOT # 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 58 | 61 | 65 | 64 | 65 | 60 | 62 | 62 | 63 | 65 | 59 | 60 | 60 | 63 | 62 | 62 | 68 | 62 | 70 | 62 | 65 | 65 | 62 | 60 | 68 | 70 | 61 | 58 | 64 | 66 | 67 | 63.2 |
| | MIN | 51 | 50 | 54 | 59 | 56 | 55 | 51 | 51 | 52 | 58 | 59 | – | 57 | 53 | 54 | 58 | 58 | 59 | 60 | 57 | 56 | 56 | 56 | 58 | 56 | 58 | 58 | 56 | 57 | 59 | 60 | 54.3 |
| 2 INCHES | MAX | 57 | 59 | 63 | 62 | 63 | 59 | 61 | 60 | 61 | 63 | 59 | 60 | 59 | 62 | 61 | 61 | 66 | 61 | 66 | 61 | 63 | 63 | 61 | 59 | 66 | 68 | 61 | 58 | 63 | 65 | 65 | 61.8 |
| | MIN | 51 | 50 | 54 | 58 | 56 | 55 | 52 | 52 | 53 | 58 | 58 | – | 56 | 54 | 55 | 58 | 58 | 60 | 61 | 57 | 56 | 57 | 57 | 58 | 56 | 58 | 58 | 57 | 58 | 58 | 62 | 54.5 |
| 4 INCHES | MAX | 55 | 57 | 60 | 60 | 61 | 58 | 59 | 60 | 60 | 60 | 59 | 59 | 58 | 60 | 60 | 60 | 64 | 60 | 68 | 61 | 62 | 62 | 60 | 60 | 64 | 65 | 62 | 59 | 61 | 63 | 63 | 60.6 |
| | MIN | 52 | 51 | 54 | 58 | 57 | 56 | 53 | 52 | 54 | 57 | 58 | – | 57 | 55 | 55 | 59 | 58 | 60 | 60 | 58 | 57 | 58 | 58 | 58 | 56 | 58 | 59 | 57 | 58 | 58 | 60 | 54.9 |
| 8 INCHES | MAX | 54 | 55 | 57 | 58 | 58 | 57 | 57 | 57 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 59 | 61 | 61 | 63 | 61 | 60 | 61 | 59 | 61 | 61 | 63 | 62 | 59 | 59 | 61 | 61 | 59.1 |
| | MIN | 53 | 52 | 54 | 57 | 57 | 56 | 54 | 54 | 55 | 57 | 56 | – | 56 | 56 | 56 | 58 | 58 | 58 | 60 | 59 | 58 | 58 | 58 | 58 | 58 | 59 | 59 | 57 | 57 | 59 | 60 | 55.1 |
| 16 INCHES | MAX | 53 | 53 | 55 | 55 | 56 | 55 | 55 | 54 | 55 | 55 | 56 | 56 | 57 | 56 | 56 | 57 | 57 | 59 | 60 | 59 | 58 | 61 | 59 | 60 | 58 | 59 | 60 | 59 | 58 | 59 | 60 | 57.1 |
| | MIN | 53 | 52 | 53 | 55 | 55 | 55 | 54 | 54 | 54 | 55 | 55 | – | 56 | 56 | 56 | 56 | 57 | 57 | 59 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 59 | 57 | 57 | 58 | 59 | 54.5 |
| 32 INCHES | MAX | 51 | 51 | 52 | 52 | 53 | 53 | 53 | 53 | 53 | 53 | 54 | 54 | 55 | 54 | 54 | 55 | 55 | 58 | 58 | 58 | 56 | 58 | 56 | 56 | 56 | 57 | 57 | 57 | 57 | 56 | 57 | 54.9 |
| | MIN | 51 | 51 | 51 | 52 | 52 | 53 | 53 | 52 | 53 | 53 | 53 | – | 54 | 54 | 54 | 54 | 54 | 55 | 57 | 56 | 56 | 56 | 56 | 55 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 52.5 |
| PLOT # 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 69 | 76 | 82 | 77 | 83 | 55 | 82 | 84 | 83 | 83 | 62 | 66 | 71 | 82 | 75 | 69 | 82 | 66 | 85 | 70 | 76 | 76 | 66 | 62 | 83 | 85 | 67 | 58 | 72 | 81 | 77 | 74.4 |
| | MIN | 44 | 44 | 53 | 59 | 51 | 51 | 41 | 46 | 47 | 58 | 59 | – | 57 | 47 | 49 | 58 | 57 | 59 | 59 | 51 | 49 | 50 | 51 | 56 | 51 | 51 | 53 | 54 | 56 | 56 | 61 | 50.9 |
| 2 INCHES | MAX | 65 | 73 | 79 | 74 | 79 | 54 | 78 | 80 | 79 | 78 | 65 | 65 | 68 | 77 | 72 | 67 | 82 | 65 | 82 | 67 | 72 | 75 | 65 | 62 | 78 | 81 | 66 | 57 | 71 | 78 | 74 | 71.9 |
| | MIN | 46 | 45 | 54 | 60 | 52 | 52 | 44 | 42 | 49 | 59 | 60 | – | 58 | 49 | 50 | 58 | 58 | 58 | 58 | 53 | 50 | 52 | 52 | 57 | 51 | 53 | 53 | 54 | 56 | 57 | 63 | 51.7 |
| 8 INCHES | MAX | 57 | 61 | 64 | 64 | 65 | 60 | 63 | 64 | 64 | 63 | 62 | 60 | 61 | 63 | 62 | 62 | 78 | 64 | 69 | 62 | 64 | 64 | 61 | 60 | 66 | 68 | 64 | 59 | 63 | 66 | 66 | 63.5 |
| | MIN | 52 | 51 | 55 | 60 | 58 | 58 | 52 | 54 | 55 | 60 | 60 | – | 59 | 55 | 55 | 59 | 59 | 60 | 60 | 61 | 55 | 57 | 58 | 59 | 53 | 58 | 59 | 57 | 56 | 60 | 65 | 55.5 |

MAX ANO MIN TEMPERATURES ARE FOR THE 24 HOUR PERIOO ENOING AT MIDNIGHT.

PLOT #1 - SLOPE OF GROUND, FLAT. SOIL TYPE, LOAM. GROUNO COVER, KENTUCKY BLUEGRASS. INSTRUMENTATION, COPPER-CONSTANTAN THERMOCOUPLES CONNECTEO TO A BROWN ELECTRONIK POTENTIOMETER.

PLOT #2 - SLOPE OF GROUNO, FLAT. SOIL TYPE, LOAM. GROUNO COVER, BARREN. INSTRUMENTATION, BROWN RECOROING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ↕ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL SEE NOTES | |
| LLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| UDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 | | 7A | | | WALTER J SCHANCK |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 200 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0976 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 58 | 10 | 5P | 5P | | C | N.WEST MAGNESITE CO. |
| CEDAR GROVE | 1472 | 01 | ESSEX | 8 | 40 52 | 74 13 | 400 | | 8A | | | J. A. PLUNKETT |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F DROPPE |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C M | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A | | | CHARLES KOONS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 N | 4987 | 03 | MONMOUTH | 1 | 40 20 | 74 00 | 10 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MANVILLE | 5197 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | JOHN L. RADCLIFFE |
| MARLBORO SCS | 5244 | 02 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | C | GEROW BRILL |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | MID | | C H | L. J. GALLAHER |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | M. J. WILLARD |
| MORRIS PLAINS 1 W | 576[illegible] | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH M. GARRIS, III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK EXP STA | 6062 | 02 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | 5P | 5P | | H | ARTHUR H. AHLQUIST |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEW MONMOUTH | 6154 | 02 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P | | | ST. MARYS SCHOOL |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C M | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| OLDWICK | 654[illegible] | 01 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | | 8A | | | CLOSED 3/11/68 |
| PATERSON | 677[illegible] | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PENNSAUKEN | 6863 | 02 | CAMDEN | 2 | 39 57 | 75 04 | 60 | | 9A | | | CAMDEN COUNTY PLNG BD. |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 3P | 3P | | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 | | 7A | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODEMOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C M | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| RUTGERS MICRO-MET STA | 7831 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | | | 8A | CG | RUTGERS UNIV |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P | | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY O. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA MILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C M | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 960[illegible] | 01 | MORRIS | [illegible] | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | [illegible] | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | [illegible] | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |
| CLOSED STATION | | | | | | | | | | | | |
| OLDWICK | 654[illegible] | 01 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | | 8A | | | CLOSED 3/11/68 |
| NEW STATION | | | | | | | | | | | | |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 1[illegible] | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODEMOUGH |

↕ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are. Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual, $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE- 6/28/68-880

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C. R. SMITH, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY

JUNE 1968

Volume 73 No. 6

THE LIBRARY OF THE
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UNIVERSITY OF ILLINOIS

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 75.8 | 55.9 | 65.9 | - 4.7 | 88 | 8+ | 45 | 21 | 51 | 0 | 0 | 0 | 0 | 4.66 | .22 | 1.32 | 13 | .0 | 0 | | 10 | 3 | 2 |
| BOONTON 1 SE | 75.3 | 56.7 | 66.0 | - 1.9 | 88 | 26+ | 49 | 4 | 50 | 0 | 0 | 0 | 0 | 5.65 | 1.76 | 2.03 | 13 | .0 | 0 | | 8 | 4 | 1 |
| CANOE BROOK | 77.3 | 57.0 | 67.2 | - .8 | 91 | 8+ | 45 | 21 | 43 | 3 | 0 | 0 | 0 | 5.73 | 1.70 | 2.99 | 13 | .0 | 0 | | 7 | 3 | 2 |
| CHARLOTTEBURG | 73.8 | 54.3 | 64.1 | - 2.4 | 89 | 8+ | 47 | 21+ | 80 | 0 | 0 | 0 | 0 | 6.36 | 2.12 | 2.08 | 13 | .0 | 0 | | 10 | 4 | 2 |
| ELIZABETH | 76.7M | 59.3 | 68.0M | - 2.8 | 90 | 22+ | 48 | 21 | 30 | 2 | 0 | 0 | 0 | 3.97 | .21 | 1.05 | 12 | .0 | 0 | | 8 | 3 | 2 |
| ESSEX FELLS SERV BLDG | 76.8 | M | M | | 93 | 7 | | | | 3 | 0 | 0 | 0 | 5.33 | | 2.77 | 13 | .0 | 0 | | 9 | 2 | 1 |
| FLEMINGTON 1 NE | 77.8 | 54.4 | 66.1 | - 4.5 | 91 | 8 | 46 | 21 | 45 | 2 | 0 | 0 | 0 | 5.36 | 1.56 | 3.92 | 13 | .0 | 0 | | 6 | 2 | 1 |
| HIGH POINT PARK | 73.5 | 52.9 | 63.2 | | 91 | 7 | 41 | 21 | 121 | 1 | 0 | 0 | 0 | 6.24 | | 1.80 | 20 | .0 | 0 | | 7 | 4 | 4 |
| JERSEY CITY | | | | | | | | | | | | | | | | | | | | | | | |
| LAMBERTVILLE | 81.5 | 58.4 | 70.0 | - .1 | 94 | 30 | 44 | 21 | 12 | 5 | 0 | 0 | 0 | 4.85 | 1.01 | 3.05 | 12 | .0 | 0 | | 6 | 2 | 1 |
| LAYTON 2 | 74.9 | 52.5 | 63.7 | | 92 | 7 | 38 | 21 | 92 | 2 | 0 | 0 | 0 | 7.59 | | 2.70 | 26 | .0 | 0 | | 13 | 4 | 2 |
| LITTLE FALLS | 78.2 | 58.8 | 68.5 | - 1.2 | 94 | 7 | 51 | 21+ | 26 | 4 | 0 | 0 | 0 | 6.22 | 1.97 | 2.89 | 13 | .0 | 0 | | 10 | 3 | 2 |
| LONG VALLEY | 74.9 | 51.7 | 63.3 | | 89 | 7 | 42 | 21 | 84 | 0 | 0 | 0 | 0 | 4.92 | .79 | 1.52 | 13 | .0 | 0 | | 11 | 2 | 2 |
| MORRIS PLAINS 1 W | 75.9 | 56.4 | 66.2 | | 92 | 7 | 47 | 21 | 47 | 1 | 0 | 0 | 0 | 5.23 | | 2.03 | 13 | .0 | 0 | | 8 | 4 | 1 |
| NEWARK WB AIRPORT R | 78.6 | 60.7 | 69.7 | - 1.6 | 95 | 30 | 53 | 1 | 12 | 4 | 0 | 0 | 0 | 4.37 | .93 | 1.74 | 12 | .0 | 0 | | 8 | 2 | 2 |
| NEWTON | 76.8 | 53.2 | 65.0 | - 2.4 | 93 | 7 | 43 | 21+ | 72 | 2 | 0 | 0 | 0 | 6.48 | 2.18 | 1.28 | 13 | .0 | 0 | | 11 | 5 | 3 |
| PATERSON | 78.5 | 60.1 | 69.3 | - 1.4 | 95 | 8 | 52 | 21 | 25 | 3 | 0 | 0 | 0 | 6.13 | 1.92 | 2.58 | 13 | .0 | 0 | | | | |
| PHILLIPSBURG | 81.8 | 56.8 | 69.3 | - .7 | 94 | 8 | 45 | 21 | 15 | 5 | 0 | 0 | 0 | 4.27 | .01 | 1.10 | 12 | .0 | 0 | | 11 | 3 | 1 |
| PLAINFIELD | 80.6 | 58.9 | 69.8 | - .1 | 95 | 30 | 48 | 21 | 10 | 5 | 0 | 0 | 0 | 4.36 | .03 | 2.09 | 12 | .0 | 0 | | 7 | 2 | 1 |
| SOMERVILLE | 80.4 | 57.7 | 69.1 | - .7 | 94 | 30 | 45 | 21 | 19 | 4 | 0 | 0 | 0 | 5.17 | 1.29 | 3.32 | 12 | .0 | 0 | | 8 | 1 | 1 |
| SUSSEX 1 SE | 75.2M | 51.5M | 63.4M | - 5.1 | 89 | 8 | 39 | 21 | 92 | 0 | 0 | 0 | 0 | 7.60 | 3.51 | 2.36 | 26 | .0 | 0 | | 11 | 4 | 3 |
| DIVISION | | | 66.7 | - 2.5 | | | | | | | | | | 5.52 | 1.51 | | | .0 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 81.1 | 59.1 | 70.1 | .1 | 97 | 30 | 44 | 21 | 13 | 6 | 0 | 0 | 0 | 2.86 | .03 | 1.21 | 12 | .0 | 0 | | 4 | 3 | 1 |
| AUDUBON | 82.9 | 60.6 | 71.8 | | 96 | 30 | 52 | 4+ | 2 | 6 | 0 | 0 | 0 | 6.00 | | 4.20 | 12 | .0 | 0 | | 7 | 3 | 1 |
| BELLEPLAIN ST FOREST | 83.0 | 58.6 | 70.8 | | 97 | 30 | 42 | 21 | 8 | 4 | 0 | 0 | 0 | 4.93 | 1.54 | 2.93 | 12 | .0 | 0 | | 6 | 2 | 1 |
| BURLINGTON | 84.9M | M | M | | 97 | 25 | | | | | 0 | 0 | 0 | 5.29 | 1.64 | 3.75 | 12 | .0 | 0 | | 4 | 2 | 1 |
| CHATSWORTH | 82.7M | 58.0M | 70.4M | | 95 | 30 | 43 | 21 | 10 | 7 | 0 | 0 | 0 | 4.24 | | 1.49 | 13 | .0 | 0 | | 7 | 2 | 1 |
| FREEHOLD | 78.7 | 58.2 | 68.5 | - 1.7 | 93 | 8 | 47 | 21 | 23 | 4 | 0 | 0 | 0 | 6.33 | 2.65 | 3.90 | 13 | .0 | 0 | | 8 | 2 | 1 |
| GLASSBORO | 79.6 | 59.8 | 69.7 | | 94 | 30 | 47 | 21 | 20 | 3 | 0 | 0 | 0 | 5.02 | | | | .0 | 0 | | | | |
| HAMMONTON 2 NNE | 82.9 | 60.4 | 71.7 | .1 | 95 | 26 | 48 | 21 | 8 | 6 | 0 | 0 | 0 | 4.23 | .28 | 1.93 | 13 | .0 | 0 | | 6 | 3 | 1 |
| HIGHTSTOWN 1 N | 80.2 | 58.4 | 69.3 | - .6 | 93 | 30 | 47 | 21 | 15 | 5 | 0 | 0 | 0 | 4.99 | 1.16 | 1.90 | 12 | .0 | 0 | | 8 | 3 | 2 |
| INDIAN MILLS 2 W | 81.6 | 57.1 | 69.4 | - .8 | 95 | 30 | 42 | 21 | 15 | 6 | 0 | 0 | 0 | 4.19 | .29 | 2.35 | 12 | .0 | 0 | | 6 | 2 | 1 |
| MILLVILLE | M | M | M | | 92 | 26 | 47 | 21 | | 2 | 0 | 0 | 0 | | | .47 | 18 | .0 | 0 | | 4 | 0 | 0 |
| MILLVILLE FAA AIRPORT | 81.4 | 59.9 | 70.7 | | 95 | 30 | 48 | 21 | 8 | 3 | 0 | 0 | 0 | 5.58 | | 4.37 | 12 | .0 | 0 | | 5 | 1 | 1 |
| MOORESTOWN | 81.2 | 59.0 | 70.1 | - .1 | 94 | 30 | 47 | 21 | 7 | 5 | 0 | 0 | 0 | 6.87 | 3.31 | 4.50 | 13 | .0 | 0 | | 8 | 1 | 1 |
| NEW BRUNSWICK | 77.7 | 59.3 | 68.5 | | 92 | 8 | 50 | 21 | 21 | 3 | 0 | 0 | 0 | 4.50 | | 2.91 | 13 | .0 | 0 | | 4 | 2 | 1 |
| NEW MONMOUTH | 81.6M | 59.8M | 70.7M | | 94 | 30 | 51 | 21+ | 9 | 5 | 0 | 0 | 0 | 7.26 | | 2.85 | 13 | .0 | 0 | | 8 | 4 | 2 |
| PEMBERTON 3 E | 81.8 | 58.4 | 70.1 | - .9 | 94 | 30 | 43 | 21 | 11 | 8 | 0 | 0 | 0 | 5.83 | 2.13 | 2.08 | 12 | .0 | 0 | | 8 | 3 | 2 |
| SEABROOK FARMS | 80.6 | 60.4 | 70.5 | | 91 | 27+ | 49 | 21 | 9 | 2 | 0 | 0 | 0 | 5.48 | | 4.07 | 13 | .0 | 0 | | 5 | 1 | 1 |
| SHILOH | 81.8 | 60.8 | 71.3 | - .4 | 94 | 30 | 50 | 21 | 4 | 4 | 0 | 0 | 0 | 4.44 | 1.03 | 1.71 | 12 | .0 | 0 | | 5 | 2 | 2 |
| TOMS RIVER | 80.1 | 59.0 | 69.6 | | 94 | 8 | 43 | 21 | 15 | 4 | 0 | 0 | 0 | 4.25 | | 2.50 | 13 | .0 | 0 | | 7 | 1 | 1 |
| TRENTON WB CITY R | 79.9 | 61.2 | 70.6 | - .4 | 94 | 30 | 53 | 21 | 8 | 5 | 0 | 0 | 0 | 6.26 | 2.66 | 4.42 | 12 | .0 | 0 | | 5 | 2 | 1 |
| TUCKERTON | 79.4 | 59.1 | 69.3 | | 96 | 30 | 44 | 21 | 11 | 6 | 0 | 0 | 0 | 5.62 | | 2.12 | 13 | .0 | 0 | | 7 | 4 | 3 |
| WOODSTOWN | 83.8 | 59.9 | 71.9 | | 96 | 30 | 46 | 21 | 6 | 7 | 0 | 0 | 0 | 4.41 | | 2.04 | 13 | .0 | 0 | | 6 | 3 | 2 |
| DIVISION | | | 70.3 | - .4 | | | | | | | | | | 5.17 | 1.55 | | | .0 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 77.4 | 63.8 | 70.6 | 1.6 | 97 | 30 | 55 | 21 | 1 | 2 | 0 | 0 | 0 | 6.24 | 3.20 | 3.65 | 12 | | | | 6 | 3 | 1 |
| CAPE MAY 3 W | 80.6M | 62.6M | 71.6M | | 88 | 30+ | | | | 0 | 0 | 0 | 0 | 3.30 | | .74 | 19 | .0 | 0 | | 6 | 4 | 0 |
| LONG BRANCH 2 N | 77.7 | 60.5 | 69.1 | .0 | 92 | 7 | 54 | 21+ | 8 | 3 | 0 | 0 | 0 | 7.22 | 3.81 | 2.70 | 12 | .0 | 0 | | 9 | 2 | 2 |
| DIVISION | | | 70.4 | 1.0 | | | | | | | | | | 5.59 | 2.52 | | | .0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>4 STATIONS | 97 | DATE | 30+ |
| LOWEST TEMPERATURE<br>LAYTON 2 | 38 | DATE | 21 |
| GREATEST TOTAL PRECIPITATION<br>MIDLAND PARK | 7.74 | | |
| LEAST TOTAL PRECIPITATION<br>2 STATIONS | 2.86 | | |
| GREATEST 1 DAY PRECIPITATION<br>FORTESCUE | 4.9[illegible] | DATE | 13 |

**See Reference Notes Following Station Index**
SPECIAL WEATHER SUMMARY ON PAGE 40

## NEW JERSEY - JUNE 1968

## SPECIAL WEATHER SUMMARY

A wet month, with temperatures near or above normal. There were frequent rainy days and considerable cool weather during June, but a heat wave began on the 30th, when temperatures were in the upper nineties over most of the State, and continued into July.

Very heavy rainfall occurred on the evening of the 12th when some stations reported from 4 to 5 inches of rain in thunderstorms. Some localities reported 75 percent of the month's total rainfall on that evening.

Donald V. Dunlap
ESSA-Weather Bureau State Climatologist
Department of Meteorology
College of Agriculture &
Environmental Science
Rutgers - The State University
New Brunswick, New Jersey 08903

# DAILY PRECIPITATION

NEW JERSEY
JUNE 1968

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| • • • NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 4.66 | | .20 | .55 | .07 | | | | | | | T | T | 1.32 | T | | .15 | .14 | .14 | | 1.25 | | | | | .09 | .45 | .14 | .14 | .02 | | • |
| BERNARDSVILLE 2 E | 4.83 | | .07 | .56 | .25 | | | | | | | T | .03 | 2.53 | .02 | | .04 | | .07 | | .72 | | | | | .33 | .04 | .03 | .13 | .01 | | • |
| BLACKWELLS MILLS | 5.26 | | | .06 | .06 | | | | | | | | .04 | 3.50 | | | .22 | .12 | .80 | | .08 | | | | | .04 | T | .14 | .20 | | | • |
| BOONTON 1 SE | 5.65 | | .16 | .75 | .05 | | | | | | | T | .08 | 2.03 | T | | T | .05 | .09 | | .91 | | | | | .28 | .86 | .20 | .19 | T | | • |
| BOUND BROOK 2 W | 5.08 | | .02 | .06 | .02 | | | | | | | T | .55 | 3.19 | | | .16 | .02 | .52 | | .13 | | | | | .37 | | .04 | | | | • |
| BRANCHVILLE | 6.70 | | .09 | .54 | .22 | | | | | | .02 | | .07 | 1.62 | | | .38 | .29 | .12 | | .85 | | | | | .44 | 1.17 | .51 | .27 | .11 | | • |
| CANISTEAR RESERVOIR | 7.33 | | .19 | .89 | .07 | | | | | | | T | .13 | 1.78 | .02 | | .07 | .34 | .08 | | .60 | | | | | .30 | 2.29 | .38 | .17 | .02 | | • |
| CANOE BROOK | 5.73 | | .09 | .27 | .05 | | | | | | | T | .11 | 2.99 | .01 | | .01 | | .14 | | 1.06 | | | T | | .26 | .07 | .05 | .59 | .03 | | • |
| CEDAR GROVE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | • |
| CHARLOTTEBURG | 6.36 | | .20 | .81 | .23 | | | | | | | .02 | .09 | 2.08 | .02 | | .01 | .23 | .07 | | 1.10 | | | | | .21 | .60 | .32 | .32 | .05 | | • |
| CLINTON | 5.70 | T | .25 | .35 | | | | | | | T | .60 | .39 | 2.55 | T | | .22 | .17 | | | .12 | | | T | T | .60 | .15 | .25 | .05 | | | • |
| ELIZABETH | 3.97 | | .14 | .02 | | | | | | | | T | 1.05 | .77 | .04 | | T | | .33 | | 1.04 | .01 | | | .15 | | .05 | .10 | .27 | | | • |
| ESSEX FELLS SERV BLDG | 5.33 | | .14 | .47 | .12 | | | | | | | | .01 | 2.77 | | | .01 | .01 | .10 | | .98 | | | | .10 | .29 | .07 | .24 | | .02 | | • |
| FLEMINGTON 1 NE | 5.36 | | T | .15 | .07 | | | | | | | T | .04 | 3.92 | | | .16 | .06 | .10 | | .10 | | | .03 | | .54 | .04 | .08 | .07 | | | • |
| GREENWOOD LAKE | 7.59 | | .20 | .93 | .18 | | | | | | | T | .15 | 1.70 | .04 | | .04 | .40 | .08 | | .42 | | | | | .25 | 2.40 | .48 | .27 | .05 | | • |
| HIGH POINT PARK | 6.24 | | .14 | | | | | | | | | | | 1.28 | | | 1.03 | | | | 1.80 | | | | | .04 | 1.45 | .35 | | .15 | | • |
| JERSEY CITY | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | • |
| LAMBERTVILLE | 4.85 | | .05 | | | | | | | | | | 3.05 | .23 | | | .13 | .33 | .07 | | .67 | | | .05 | .08 | | .02 | .16 | .01 | | | • |
| LAYTON 2 | 7.59 | | .16 | .30 | .29 | | | | | | .40 | T | .12 | 1.01 | | | .39 | .59 | .07 | | .69 | | | | | .13 | 2.70 | .48 | .22 | .04 | | • |
| LITTLE FALLS | 6.22 | | .12 | .58 | .07 | | | | | | | | .16 | 2.89 | .13 | T | T | .02 | .07 | | 1.23 | | | | | .21 | .32 | .17 | .23 | .02 | | • |
| LONG VALLEY | 4.92 | | .31 | .42 | .46 | | | | | | | .01 | .09 | 1.52 | | | .11 | .10 | .14 | | 1.15 | | | | | .14 | .25 | .06 | .16 | | | • |
| MAHWAH | 5.63 | | .02 | .63 | .07 | | | | | | | .01 | .07 | 1.47 | .03 | | | .14 | .09 | | .77 | | | | | .15 | 1.60 | .31 | .22 | .05 | | • |
| MANVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | • |
| MIDLAND PARK | 7.74 | | 1.24 | .07 | | | | | | .04 | | .04 | 2.45 | .40 | .40 | .03 | .07 | .08 | | 1.30 | .48 | | | | .10 | .02 | .57 | .43 | .02 | | | • |
| MILTON | 6.85 | | .40 | .66 | .21 | | | | | | .60 | | .27 | 1.51 | .05 | | .03 | .46 | .11 | | 1.09 | | | | | .12 | .70 | .43 | .11 | .10 | | • |
| MORRIS PLAINS 1 W | 5.23 | T | .15 | .60 | .06 | | | | | | | .02 | .05 | 2.03 | | | .02 | .03 | .10 | | .97 | | | | | .08 | .81 | .10 | .18 | .03 | | • |
| NEWARK WB AIRPORT R | 4.37 | | .16 | .02 | | | | | | T | T | T | 1.74 | .01 | .02 | T | T | .17 | .03 | 1.24 | .16 | | | | .44 | .14 | .02 | .22 | T | | | • |
| NEW MILFORD | 5.99 | | .71 | | | | | | | | | | 2.09 | .29 | .53 | | | .06 | | .82 | .25 | | | | .07 | .29 | .31 | .27 | .30 | | | • |
| NEWTON | 6.48 | | .14 | .63 | .16 | | | | | | | | .50 | 1.28 | | | .08 | .45 | .15 | | 1.20 | | | | | .07 | 1.11 | .36 | .33 | .02 | | • |
| OAK RIDGE RESERVOIR | 6.48 | | .22 | .87 | .23 | | | | | | | .02 | .22 | 1.64 | | | .06 | .41 | .12 | | 1.18 | | | | | .21 | .72 | .43 | .11 | .04 | | • |
| PATERSON | 6.13 | | .16 | .59 | .05 | | | | | | T | T | .13 | 2.58 | T | | | .03 | .08 | | 1.35 | | | | | * | • | 1.16 | | | | • |
| PHILLIPSBURG | 4.27 | .02 | .68 | .13 | | | | | | | | | 1.10 | .18 | | | .25 | | .17 | | .92 | | | | .05 | .11 | .34 | .15 | .17 | | | • |
| PHILLIPSBURG BRIDGE | 5.46 | | .02 | 1.42 | | | | | | | | | .02 | 1.31 | .01 | .25 | .26 | | .23 | 1.22 | | | | | | | .53 | .19 | | | | • |
| PLAINFIELD | 4.36 | | .18 | .05 | | | | | | | | .05 | 2.09 | .69 | | | .03 | .06 | .36 | | .34 | | | .01 | .09 | .08 | .06 | .10 | .17 | | | • |
| POTTERSVILLE 2 NNW | 4.42 | | .16 | .70 | .12 | | | | | | | .02 | .48 | 1.46 | | T | .05 | .04 | .08 | | .80 | | | | | .20 | .09 | .05 | .14 | .03 | | • |
| RAHWAY | 3.17 | | .06 | .09 | | | | | | | | .05 | 1.93 | .02 | | T | T | .27 | .05 | .30 | .05 | | | | .02 | .04 | T | .25 | .04 | | | • |
| RINGWOOD | 6.68 | | .60 | .39 | .11 | | | | | | T | | .30 | 1.78 | | | .05 | .07 | .03 | | .48 | | | | | .11 | 2.23 | .44 | .09 | | | • |
| SOMERVILLE | 5.17 | | .19 | .03 | | | | | | | | T | 3.32 | .47 | | | .23 | .10 | .08 | | .32 | | | | .18 | | .07 | .08 | .10 | | | • |
| SPLIT ROCK POND | 5.34 | | .28 | .75 | .15 | | | | | | | | .34 | 1.70 | | | .01 | .19 | .11 | | 1.21 | | | | | .08 | | .21 | .29 | .02 | | • |
| SUSSEX 1 SE | 7.60 | .01 | .16 | .54 | .21 | | | | | | .04 | .01 | | 1.52 | .01 | | .09 | .45 | .11 | | 1.12 | | | | | .27 | 2.36 | .39 | .26 | .05 | | • |
| WANAQUE RAYMOND DAM | 5.15 | | .13 | .68 | .05 | | | | | | | T | .06 | 1.78 | T | | .05 | .10 | .04 | | 1.12 | | | | | .32 | .48 | .22 | .12 | T | | • |
| WERTSVILLE | 4.78 | T | .01 | .10 | | | | | | | | .01 | .30 | 3.53 | .05 | | .10 | .14 | .18 | | .06 | | | .04 | | .07 | .04 | .10 | .03 | .02 | | • |
| WEST WHARTON | 4.85 | | .19 | .67 | .18 | | | | | | | .01 | .23 | 1.33 | | | .02 | .12 | .06 | | 1.19 | | | | | .10 | .41 | .16 | .14 | .04 | | • |
| WOODCLIFF LAKE | 5.84 | | 1.02 | .04 | .04 | | | | | | | | 2.05 | .27 | .35 | | .02 | .10 | | .84 | .21 | | | | .08 | | .33 | .39 | .10 | | | • |
| • • • SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 2.86 | | T | .05 | | | | | | T | T | T | 1.21 | .01 | T | | .03 | .76 | T | .19 | | | T | T | | | | .60 | .01 | | | • |
| AUDUBON | 6.00 | | T | .18 | | | | | | | | T | 4.20 | .12 | | | .58 | .10 | | .06 | | | .10 | | T | | .06 | .60 | T | | | • |
| BASS RIVER ST FOREST | 3.32 | | | | .18 | | | | | | | | | 2.16 | .04 | | | .06 | .82 | | | | | | | | | .06 | | | | • |
| BELLEPLAIN ST FOREST | 4.93 | | | .01 | .02 | | | | | | T | | 2.93 | .19 | T | | | .19 | .47 | | .27 | | | | | | | T | .85 | | | • |
| BURLINGTON | 5.29 | | | .06 | | | | | | | | | 3.75 | .25 | | | | .06 | .46 | | | | | | | | .09 | | .62 | | | • |
| CANTON | 2.86 | | | | | | | | | | | | .24 | 1.39 | .11 | | | .09 | .42 | | .20 | | | .03 | | | | .38 | | | | • |
| CHATSWORTH | 4.24 | | | .09 | | | | | | | | | .95 | 1.49 | .04 | | | .25 | | | .23 | | | | | .41 | | .41 | .37 | | | • |
| FORTESCUE | 6.40 | | | | | | | | | | | | | 4.90 | | | | .20 | .62 | | | | | | | | | .45 | .23 | | | • |
| FREEHOLD | 6.33 | | | .03 | .16 | | | | | .01 | | .02 | .01 | 3.90 | .16 | | .05 | .06 | .30 | | .28 | | | .05 | | .08 | .13 | .21 | .88 | T | | • |
| GLASSBORO | 5.02 | | | T | | | | | | | | | • | 4.17 | | | .46 | | | .19 | T | | | .08 | | .01 | .01 | .06 | .05 | | | • |
| HAMMONTON 2 NNE | 4.23 | | | | .04 | | | | | | | | .07 | 1.93 | .03 | | | .65 | .28 | | .23 | | | .06 | | | | .51 | .43 | | | • |
| HIGHTSTOWN 1 N | 4.99 | | T | .06 | | | | | | | | T | 1.90 | 1.07 | | | .12 | .10 | .36 | | .80 | | | .05 | .06 | | T | .23 | .24 | | | • |
| INDIAN MILLS 2 W | 4.19 | | T | T | | | | | | | | | 2.35 | .38 | .18 | | .10 | .09 | | | .08 | | | .03 | T | | .03 | .71 | .24 | | | • |
| MAYS LANDING 1 W | 4.19 | | | T | | | | | | | | | | 2.08 | | | | .08 | 1.05 | | .24 | | | .07 | | | | .08 | .64 | | | • |
| MILLVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | .18 | .47 | .06 | .27 | | | .02 | | | | .04 | .16 | | | • |
| MILLVILLE FAA AIRPORT | 5.58 | | T | | | | | | | T | T | T | 4.37 | T | | | .22 | .46 | | .35 | | | | T | | | | .18 | | | | • |
| MOORESTOWN | 6.87 | | T | | .29 | | | | | | | | T | 4.50 | .44 | | | .45 | .08 | | .35 | | | | .07 | .12 | .13 | .39 | .05 | | | • |
| NEW BRUNSWICK | 4.50 | | T | T | .02 | | | | | | | .02 | .05 | 2.91 | .03 | | .09 | .08 | .63 | | .07 | | | | | .23 | T | .08 | .28 | .01 | | • |
| NEW MONMOUTH | 7.26 | | .01 | .03 | .06 | T | | | | | | .02 | 1.75 | 2.85 | .39 | | .05 | .02 | | .55 | .18 | | | | .10 | .27 | | | .97 | .01 | | • |
| PEMBERTON 3 E | 5.83 | | T | .06 | | | | | | | | | 2.08 | 1.39 | .04 | | | .18 | .13 | | .35 | | | | .04 | .23 | .02 | .84 | .47 | | | • |
| PENNSAUKEN | 6.12 | | | T | .19 | | | | | | | | | 4.55 | .04 | | | .66 | .10 | | | | | .05 | | .03 | .08 | .42 | T | | | • |
| PRINCETON WATER WORKS | 5.25 | | T | T | | | | | | | | T | 3.90 | T | | T | .19 | .42 | .14 | .11 | .19 | | .02 | | T | | | .28 | | | | • |
| SEABROOK FARMS | 5.48 | | | T | | | | | | | | | .09 | 4.07 | | | | .10 | .45 | .01 | .18 | | | .07 | | | | .44 | .07 | | | • |
| SHILOH | 4.44 | | | | | | | | | | | | 1.71 | 1.65 | .02 | | | .45 | .06 | | .20 | | | .03 | | | | .27 | .05 | | | • |
| TOMS RIVER | 4.25 | | | .01 | .06 | | | | | | | | | 2.50 | .30 | | | .10 | .21 | | .42 | | | .01 | | .01 | | .34 | .25 | | | • |
| TRENTON WB CITY R | 6.26 | | .02 | T | | | | | | | T | .01 | 4.42 | .01 | | .05 | .15 | .31 | | .76 | T | | .02 | .07 | .07 | | T | .37 | T | | | • |
| TUCKERTON | 5.62 | | T | .15 | T | | | | | | | .02 | 1.12 | 2.12 | .01 | | | .65 | .14 | | .30 | | | .02 | T | | | T | 1.09 | | | • |
| WOODSTOWN | 4.41 | | | .02 | | | | | | | | T | .64 | 2.04 | .20 | | | .20 | .05 | | .18 | | | .05 | | | .01 | 1.02 | T | | | • |
| • • • COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 6.24 | | .02 | .27 | | | | | | | | | 3.65 | .46 | | | .04 | .69 | | .18 | | | | | | | | .86 | .07 | | | • |
| BELMAR 2 SW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | • |
| CAPE MAY 3 W | 3.30 | | | .11 | | | | T | T | T | T | | .64 | .08 | | | | .70 | | .74 | .35 | | | | | | .05 | | .63 | | | • |
| LONG BRANCH 2 N | 7.22 | | T | .09 | | | | | | | | T | 2.70 | 2.29 | .46 | | .01 | .02 | .33 | | .12 | | | .02 | .04 | .19 | .22 | .24 | .49 | T | | • |

# SUPPLEMENTAL DATA

| Station | Wind (Speed - m.p.h.) | | | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | EASTERN STANDARD TIME 1 AM | 7 AM | 1 PM | 7 PM | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 22 | 3.6 | 9.5 | 21++ | 19 | 22 | 86 | 82 | 57 | 71 | 8 | 4 | 1 | 2 | 1 | 0 | 16 | 58 | 6.2 |
| ATLANTIC CITY ST. MARINA | - | - | - | 33 | SSW | 22 | - | - | - | - | 0 | 3 | 3 | 2 | 0 | 1 | 9 | - | - |
| NEWARK WB AIRPORT | 24 | 2.3 | 8.9 | 24++ | 30 | 03 | 81 | 78 | 59 | 64 | 6 | 5 | 6 | 0 | 2 | 0 | 19 | - | 6.4 |
| TRENTON WB CITY | - | - | - | 32 | NW | 03 | - | - | - | - | 5 | 7 | 3 | 1 | 0 | 1 | 17 | 60 | 6.0 |

See reference notes following Station Index.

# DAILY TEMPERATURES

NEW JERSEY
JUNE 1968

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 73 | 73 | 68 | 75 | 75 | 81 | 88 | 88 | 87 | 86 | 81 | 64 | 69 | 69 | 72 | 83 | 72 | 69 | 76 | 75 | 70 | 70 | 85 | 82 | 73 | 86 | 68 | 60 | 75 | 82 | | 75.8 |
| | MIN | 50 | 47 | 55 | 50 | 47 | 57 | 58 | 61 | 63 | 63 | 57 | 57 | 63 | 54 | 51 | 61 | 58 | 52 | 54 | 54 | 45 | 52 | 60 | 55 | 63 | 65 | 57 | 57 | 53 | 59 | | 55.9 |
| BOONTON 1 SE | MAX | 68 | 76 | 69 | 76 | 74 | 83 | 88 | 88 | 83 | 85 | 67 | 63 | 67 | 69 | 74 | 83 | 74 | 71 | 78 | 76 | 69 | 72 | 86 | 81 | 75 | 88 | 65 | 59 | 70 | 81 | | 75.3 |
| | MIN | 51 | 57 | 56 | 49 | 50 | 56 | 59 | 62 | 60 | 64 | 56 | 57 | 57 | 54 | 51 | 60 | 57 | 55 | 57 | 57 | 51 | 56 | 64 | 54 | 62 | 63 | 56 | 56 | 53 | 62 | | 56.7 |
| CANOE BROOK | MAX | 72 | 77 | 71 | 80 | 75 | 84 | 91 | 91 | 82 | 89 | 70 | 64 | 67 | 72 | 75 | 85 | 78 | 73 | 77 | 77 | 70 | 75 | 86 | 87 | 78 | 90 | 68 | 60 | 70 | 84 | | 77.3 |
| | MIN | 47 | 58 | 58 | 50 | 49 | 58 | 60 | 62 | 60 | 62 | 51 | 55 | 52 | 55 | 64 | 61 | 58 | 57 | 58 | 56 | 45 | 58 | 62 | 55 | 66 | 64 | 58 | 57 | 50 | 65 | | 57.0 |
| CHARLOTTEBURG | MAX | 65 | 74 | 66 | 76 | 70 | 82 | 89 | 89 | 83 | 85 | 68 | 65 | 65 | 69 | 73 | 84 | 72 | 67 | 77 | 72 | 66 | 71 | 82 | 79 | 74 | 87 | 64 | 57 | 62 | 80 | | 73.8 |
| | MIN | 53 | 52 | 54 | 48 | 47 | 52 | 58 | 60 | 58 | 63 | 54 | 54 | 58 | 53 | 56 | 53 | 55 | 54 | 55 | 53 | 47 | 50 | 59 | 51 | 54 | 62 | 54 | 54 | 53 | 56 | | 54.3 |
| ELIZABETH | MAX | 72 | 69 | 76 | 73 | 80 | 90 | 87 | 84 | 85 | 81 | 62 | 65 | 68 | 73 | 82 | 75 | 70 | 71 | 73 | 71 | 70 | 90 | 84 | 79 | 88 | | | | | | | 76.7 |
| | MIN | 50 | 59 | 56 | 53 | 54 | 60 | 63 | 65 | 63 | 61 | 57 | 51 | 63 | 57 | 55 | 69 | 60 | 58 | 59 | 58 | 48 | 60 | 65 | 60 | 70 | 64 | 60 | 59 | 55 | 68 | | 59.3 |
| ESSEX FELLS SERV BLDG | MAX | 73 | 76 | 70 | 80 | 77 | 84 | 93 | 91 | 82 | 90 | 68 | 66 | 65 | 69 | 76 | 86 | 77 | 72 | 78 | 75 | 70 | 74 | 86 | 84 | 75 | 89 | 65 | 59 | 70 | 84 | | 76.8 |
| | MIN | 50 | 54 | 55 | | | | | | | | | | | | 56 | 64 | | 56 | | | | | | | 65 | 63 | 57 | 56 | 52 | 60 | | |
| FLEMINGTON 1 NE | MAX | 68 | 75 | 74 | 79 | 75 | 82 | 90 | 91 | 88 | 88 | 78 | 63 | 67 | 72 | 80 | 84 | 78 | 72 | 76 | 77 | 71 | 74 | 87 | 82 | 82 | 89 | 73 | 59 | 75 | 84 | | 77.8 |
| | MIN | 49 | 49 | 52 | 52 | 47 | 47 | 58 | 60 | 61 | 62 | 56 | 56 | 59 | 54 | 49 | 53 | 60 | 54 | 55 | 54 | 46 | 48 | 58 | 53 | 55 | 67 | 58 | 57 | 50 | 54 | | 54.4 |
| HIGH POINT PARK | MAX | 62 | 68 | 61 | 62 | 71 | 82 | 91 | 89 | 86 | 84 | 80 | 70 | 68 | 68 | 72 | 82 | 67 | 66 | 78 | 72 | 63 | 72 | 81 | 83 | 78 | 82 | 65 | 61 | 62 | 79 | | 73.5 |
| | MIN | 46 | 48 | 53 | 45 | 52 | 60 | 62 | 62 | 66 | 62 | 63 | 62 | 51 | 60 | 49 | 54 | 47 | 46 | 48 | 48 | 41 | 47 | 51 | 56 | 60 | 56 | 50 | 44 | 48 | 51 | | 52.9 |
| JERSEY CITY | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAMBERTVILLE | MAX | 76 | 76 | 80 | 77 | 83 | 92 | 93 | 90 | 88 | 88 | 68 | 72 | 72 | 75 | 86 | 84 | 75 | 77 | 78 | 76 | 75 | 87 | 86 | 86 | 91 | 88 | 72 | 76 | 85 | 94 | | 81.5 |
| | MIN | 48 | 59 | 54 | 50 | 49 | 56 | 60 | 63 | 63 | 62 | 56 | 61 | 64 | 55 | 53 | 62 | 60 | 57 | 61 | 58 | 44 | 58 | 63 | 59 | 68 | 71 | 59 | 58 | 52 | 68 | | 58.4 |
| LAYTON 2 | MAX | 66 | 76 | 65 | 73 | 73 | 83 | 92 | 91 | 87 | 86 | 82 | 65 | 70 | 67 | 69 | 85 | 67 | 67 | 76 | 73 | 67 | 73 | 84 | 80 | 77 | 84 | 62 | 59 | 66 | 81 | | 74.9 |
| | MIN | 41 | 49 | 56 | 45 | 48 | 50 | 54 | 57 | 59 | 62 | 56 | 56 | 61 | 51 | 50 | 55 | 56 | 50 | 51 | 51 | 38 | 46 | 55 | 50 | 54 | 60 | 56 | 56 | 49 | 54 | | 52.5 |
| LITTLE FALLS | MAX | 72 | 78 | 72 | 80 | 79 | 85 | 94 | 93 | 85 | 90 | 68 | 66 | 68 | 72 | 77 | 87 | 76 | 72 | 80 | 76 | 70 | 75 | 87 | 85 | 85 | 91 | 67 | 60 | 70 | 85 | | 78.2 |
| | MIN | 52 | 58 | 58 | 51 | 53 | 62 | 64 | 65 | 64 | 64 | 56 | 55 | 62 | 56 | 54 | 65 | 58 | 57 | 60 | 58 | 51 | 60 | 63 | 59 | 59 | 65 | 58 | 57 | 53 | 67 | | 58.8 |
| LONG VALLEY | MAX | 67 | 73 | 69 | 76 | 74 | 81 | 89 | 88 | 84 | 86 | 74 | 62 | 66 | 68 | 72 | 83 | 76 | 69 | 75 | 74 | 67 | 72 | 83 | 81 | 75 | 86 | 69 | 59 | 70 | 80 | | 74.9 |
| | MIN | 46 | 53 | 50 | 48 | 45 | 45 | 54 | 54 | 57 | 60 | 54 | 54 | 58 | 53 | 45 | 46 | 55 | 54 | 51 | 52 | 42 | 54 | 54 | 50 | 50 | 62 | 54 | 54 | 49 | 48 | | 51.7 |
| MORRIS PLAINS 1 W | MAX | 69 | 75 | 70 | 78 | 75 | 83 | 92 | 89 | 83 | 87 | 71 | 62 | 67 | 69 | 75 | 84 | 74 | 72 | 77 | 76 | 69 | 74 | 85 | 82 | 76 | 87 | 65 | 58 | 70 | 83 | | 75.9 |
| | MIN | 51 | 54 | 55 | 50 | 50 | 56 | 60 | 61 | 62 | 63 | 55 | 56 | 61 | 56 | 50 | 62 | 58 | 55 | 57 | 56 | 47 | 53 | 60 | 53 | 58 | 63 | 56 | 56 | 53 | 64 | | 56.4 |
| NEWARK WB AIRPORT | MAX | 75 | 71 | 80 | 78 | 83 | 92 | 92 | 78 | 89 | 77 | 63 | 72 | 73 | 76 | 86 | 80 | 73 | 76 | 73 | 71 | 74 | 88 | 83 | 78 | 90 | 73 | 62 | 71 | 86 | 95 | | 78.6 |
| | MIN | 53 | 60 | 59 | 55 | 59 | 64 | 68 | 64 | 64 | 58 | 58 | 60 | 62 | 58 | 58 | 65 | 60 | 60 | 60 | 57 | 54 | 63 | 65 | 63 | 70 | 61 | 58 | 59 | 56 | 70 | | 60.7 |
| NEWTON | MAX | 68 | 76 | 71 | 78 | 75 | 83 | 93 | 92 | 88 | 88 | 80 | 76 | 70 | 70 | 73 | 85 | 70 | 68 | 76 | 75 | 67 | 74 | 85 | 81 | 77 | 88 | 64 | 59 | 69 | 84 | | 76.8 |
| | MIN | 43 | 52 | 52 | 44 | 43 | 53 | 55 | 56 | 58 | 60 | 54 | 55 | 62 | 54 | 46 | 60 | 54 | 48 | 53 | 53 | 43 | 53 | 57 | 49 | 61 | 60 | 54 | 54 | 51 | 59 | | 53.2 |
| PATERSON | MAX | 69 | 78 | 70 | 84 | 86 | 85 | 93 | 95 | 89 | 91 | 64 | 65 | 68 | 72 | 75 | 88 | 78 | 73 | 77 | 77 | 72 | 77 | 86 | 84 | 79 | 89 | 73 | 62 | 69 | 87 | | 78.5 |
| | MIN | 54 | 58 | 58 | 54 | 54 | 63 | 71 | 70 | 65 | 62 | 55 | 56 | 63 | 55 | 61 | 65 | 58 | 57 | 61 | 58 | 52 | 62 | 66 | 62 | 67 | 63 | 57 | 56 | 56 | 63 | | 60.1 |
| PHILLIPSBURG | MAX | 75 | 76 | 78 | 76 | 83 | 91 | 92 | 94 | 88 | 89 | 70 | 69 | 73 | 73 | 86 | 85 | 83 | 77 | 77 | 77 | 73 | 86 | 87 | 87 | 90 | 89 | 78 | 76 | 84 | 93 | | 81.8 |
| | MIN | 49 | 58 | 49 | 51 | 49 | 56 | 57 | 62 | 63 | 61 | 56 | 59 | 62 | 54 | 50 | 60 | 55 | 53 | 59 | 55 | 45 | 57 | 61 | 55 | 68 | 68 | 57 | 56 | 52 | 66 | | 56.8 |
| PLAINFIELD | MAX | 77 | 74 | 82 | 77 | 85 | 93 | 93 | 81 | 90 | 81 | 66 | 71 | 74 | 78 | 87 | 82 | 76 | 79 | 77 | 72 | 75 | 88 | 85 | 81 | 91 | 81 | 68 | 74 | 85 | 95 | | 80.6 |
| | MIN | 50 | 58 | 57 | 52 | 51 | 59 | 62 | 64 | 62 | 66 | 56 | 58 | 64 | 57 | 53 | 63 | 60 | 57 | 58 | 58 | 48 | 59 | 64 | 58 | 69 | 68 | 58 | 58 | 52 | 67 | | 58.9 |
| SOMERVILLE | MAX | 76 | 73 | 80 | 77 | 84 | 92 | 92 | 88 | 89 | 85 | 62 | 67 | 73 | 76 | 86 | 83 | 73 | 78 | 78 | 75 | 74 | 87 | 84 | 82 | 90 | 87 | 67 | 74 | 85 | 94 | | 80.4 |
| | MIN | 48 | 58 | 55 | 50 | 50 | 57 | 60 | 63 | 64 | 61 | 56 | 58 | 64 | 55 | 55 | 62 | 60 | 57 | 55 | 57 | 45 | 57 | 62 | 56 | 68 | 67 | 58 | 58 | 51 | 65 | | 57.7 |
| SUSSEX 1 SE | MAX | | 67 | 67 | 76 | 74 | 81 | 85 | 89 | 85 | 85 | 77 | | 70 | 74 | 73 | 83 | 68 | 67 | 76 | 74 | 67 | 75 | 83 | 80 | 78 | 84 | 62 | 59 | 65 | 81 | | 75.2 |
| | MIN | | 52 | 52 | 43 | 43 | 50 | 56 | 55 | 57 | 63 | 52 | | 58 | 44 | | 53 | 52 | 47 | 52 | 50 | 39 | 50 | 57 | 49 | 53 | 57 | 53 | 52 | 48 | 54 | | 51.5 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 74 | 82 | 85 | 78 | 80 | 93 | 93 | 91 | 87 | 83 | 71 | 77 | 74 | 76 | 84 | 81 | 72 | 73 | 75 | 74 | 75 | 84 | 83 | 80 | 92 | 94 | 64 | 78 | 84 | 97 | | 81.1 |
| | MIN | 51 | 60 | 58 | 53 | 54 | 62 | 64 | 62 | 69 | 59 | 59 | 62 | 58 | 53 | 54 | 63 | 62 | 60 | 55 | 50 | 44 | 59 | 64 | 63 | 67 | 62 | 60 | 60 | 55 | 71 | | 59.1 |
| AUDUBON | MAX | 77 | 78 | 81 | 77 | 84 | 92 | 91 | 89 | 90 | 88 | 76 | 74 | 73 | 78 | 87 | 86 | 75 | 89 | 80 | 75 | 77 | 89 | 85 | 86 | 93 | 90 | 67 | 79 | 85 | 96 | | 82.9 |
| | MIN | 52 | 60 | 60 | 52 | 53 | 60 | 63 | 65 | 69 | 59 | 58 | 65 | 60 | 56 | 57 | 64 | 62 | 58 | 60 | 63 | 54 | 60 | 67 | 62 | 70 | 66 | 59 | 59 | 56 | 69 | | 60.6 |
| BELLEPLAIN ST FOREST | MAX | 77 | 81 | 81 | 78 | 82 | 89 | 89 | 88 | 88 | 85 | 76 | 77 | 76 | 79 | 86 | 84 | 81 | 74 | 78 | 77 | 75 | 87 | 86 | 82 | 91 | 92 | 92 | 78 | 85 | 97 | | 83.0 |
| | MIN | 50 | 54 | 61 | 49 | 48 | 57 | 59 | 60 | 67 | 61 | 59 | 64 | 62 | 54 | 53 | 60 | 64 | 58 | 55 | 63 | 42 | 55 | 63 | 60 | 65 | 73 | 62 | 61 | 52 | 68 | | 58.6 |
| BURLINGTON | MAX | 79 | 78 | 78 | 76 | 85 | 95 | 94 | 92 | 91 | 90 | 74 | 72 | 73 | 78 | 89 | 88 | 84 | | | | 78 | 91 | | 79 | 97 | 92 | | | 88 | 96 | | 84.9 |
| | MIN | 52 | 59 | 61 | 54 | 56 | 62 | 64 | 65 | 69 | 60 | 57 | 61 | 64 | | | | | | | | | | | | 64 | 73 | | | 52 | 70 | | |
| CHATSWORTH | MAX | 75 | 79 | 82 | 77 | 85 | 92 | 92 | 90 | 90 | 87 | 70 | 75 | 73 | 77 | 88 | 87 | 79 | | 78 | 74 | 77 | 89 | 87 | 85 | 92 | 90 | 74 | 75 | 83 | 95 | | 82.7 |
| | MIN | 50 | 56 | 58 | 49 | 50 | 58 | 57 | 58 | 67 | 61 | 57 | 61 | 62 | 55 | 52 | 60 | 62 | | 55 | 59 | 43 | 56 | 67 | 56 | 66 | 70 | 59 | 57 | 52 | 68 | | 58.0 |
| FREEHOLD | MAX | 70 | 76 | 76 | 80 | 75 | 83 | 92 | 93 | 81 | 91 | 75 | 70 | 74 | 74 | 76 | 85 | 79 | 74 | 77 | 76 | 71 | 74 | 89 | 83 | 83 | 91 | 75 | 61 | 72 | 84 | | 78.7 |
| | MIN | 49 | 56 | 59 | 52 | 50 | 59 | 62 | 63 | 60 | 66 | 55 | 55 | 63 | 56 | 53 | 61 | 59 | 59 | 57 | 58 | 47 | 58 | 63 | 59 | 67 | 67 | 58 | 56 | 54 | 65 | | 58.2 |
| GLASSBORO | MAX | 70 | 75 | 77 | 81 | 78 | 84 | 90 | 85 | 85 | 87 | 85 | 78 | 72 | 71 | 74 | 82 | 83 | 69 | 78 | 75 | 69 | 71 | 84 | 82 | 83 | 93 | 89 | 64 | 79 | 94 | | 79.6 |
| | MIN | 51 | 58 | 59 | 53 | 52 | 59 | 62 | 64 | 70 | 67 | 57 | 58 | 55 | 54 | 58 | 63 | 62 | 57 | 58 | 62 | 47 | 59 | 67 | 60 | 68 | 73 | 60 | 58 | 57 | 65 | | 59.8 |
| HAMMONTON 2 NNE | MAX | 74 | 78 | 80 | 81 | 79 | 87 | 93 | 91 | 90 | 92 | 85 | 77 | 75 | 77 | 80 | 89 | 84 | 78 | 80 | 79 | 76 | 78 | 89 | 87 | 86 | 95 | 93 | 65 | 80 | 89 | | 82.9 |
| | MIN | 51 | 58 | 62 | 53 | 55 | 61 | 62 | 63 | 68 | 65 | 57 | 59 | 63 | 55 | 59 | 64 | 62 | 59 | 59 | 63 | 48 | 59 | 67 | 61 | 67 | 73 | 60 | 58 | 55 | 65 | | 60.4 |
| HIGHTSTOWN 1 N | MAX | 76 | 75 | 78 | 76 | 82 | 91 | 92 | 85 | 90 | 81 | 65 | 72 | 73 | 76 | 86 | 81 | 75 | 77 | 78 | 74 | 74 | 88 | 83 | 83 | 91 | 85 | 67 | 73 | 85 | 93 | | 80.2 |
| | MIN | 50 | 58 | 57 | 50 | 50 | 59 | 62 | 64 | 62 | 59 | 55 | 59 | 63 | 56 | 54 | 62 | 60 | 58 | 57 | 58 | 47 | 59 | 63 | 59 | 68 | 67 | 58 | 57 | 53 | 67 | | 58.4 |
| INDIAN MILLS 2 W | MAX | 76 | 76 | 81 | 76 | 85 | 91 | 92 | 90 | 90 | 86 | 73 | 73 | 73 | 76 | 87 | 83 | 75 | 79 | 77 | 72 | 75 | 88 | 84 | 85 | 92 | 89 | 70 | 75 | 84 | 95 | | 81.6 |
| | MIN | 46 | 56 | 58 | 48 | 47 | 56 | 60 | 58 | 67 | 58 | 56 | 61 | 62 | 52 | 53 | 59 | 59 | 57 | 56 | 60 | 42 | 56 | 63 | 56 | 65 | 69 | 58 | 57 | 50 | 67 | | 57.1 |
| MILLVILLE | MAX | | | | | | | | | | | | | | | 76 | 85 | 87 | 75 | 78 | 78 | 74 | 73 | 87 | 85 | 85 | 92 | 90 | 68 | 79 | 85 | | |
| | MIN | | | | | | | | | | | | | | | 56 | 63 | 61 | 58 | 57 | 63 | 47 | 59 | 68 | 62 | 62 | 73 | 61 | 60 | 55 | 69 | | |
| MILLVILLE FAA AIRPORT | MAX | 74 | 80 | 78 | 76 | 84 | 88 | 87 | 86 | 89 | 88 | 79 | 76 | 78 | 76 | 85 | 86 | 73 | 77 | 76 | 73 | 72 | 86 | 84 | 81 | 92 | 92 | 68 | 78 | 85 | 95 | | 81.4 |
| | MIN | 51 | 60 | 58 | 54 | 54 | 60 | 62 | 59 | 70 | 60 | 59 | 65 | 59 | 55 | 57 | 65 | 63 | 59 | 57 | 54 | 48 | 59 | 64 | 63 | 67 | 64 | 62 | 63 | 55 | 71 | | 59.9 |
| MOORESTOWN | MAX | 78 | 78 | 78 | 76 | 82 | 90 | 90 | 88 | 90 | 85 | 74 | 74 | 73 | 77 | 85 | 82 | 72 | 77 | 77 | 72 | 75 | 87 | 84 | 83 | 91 | 87 | 78 | 76 | 84 | 94 | | 81.2 |
| | MIN | 50 | 51 | 56 | 51 | 50 | 61 | 65 | 66 | 70 | 66 | 57 | 58 | 60 | 56 | 57 | 62 | 62 | 57 | 59 | 55 | 47 | 59 | 63 | 60 | 70 | 62 | 59 | 58 | 54 | 70 | | 59.0 |
| NEW BRUNSWICK | MAX | 70 | 76 | 74 | 78 | 76 | 82 | 91 | 92 | 80 | 88 | 67 | 69 | 73 | 73 | 77 | 85 | 78 | 75 | 77 | 72 | 71 | 74 | 87 | 84 | 82 | 90 | 72 | 61 | 74 | 83 | | 77.7 |
| | MIN | 51 | 57 | 55 | 54 | 54 | 62 | 66 | 66 | 63 | 67 | 55 | 55 | 64 | 58 | 54 | 63 | 60 | 58 | 59 | 60 | 50 | 57 | 64 | 59 | 65 | 65 | 58 | 57 | 56 | 66 | | 59.3 |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW MONMOUTH | MAX | 75 | 75 | 80 | 74 | 80 | 91 | 93 | 92 | 89 | 88 | 70 | 74 | 74 | 75 | 86 | 86 | 79 | 78 | 77 | 77 | 75 | 89 | 89 | 83 | 90 | 80 | | 70 | 84 | 94 | | 81.6 |
| | MIN | 51 | 58 | 58 | 52 | 52 | 64 | 68 | 68 | 62 | 59 | 55 | 58 | 63 | 57 | 54 | 64 | 61 | 59 | 57 | 60 | 51 | 61 | 66 | 58 | 66 | 63 | | 58 | 58 | 72 | | 59.8 |
| PEMBERTON 3 E | MAX | 76 | 76 | 80 | 76 | 84 | 91 | 92 | 90 | 90 | 92 | 70 | 73 | 73 | 76 | 86 | 80 | 74 | 78 | 78 | 76 | 76 | 87 | 84 | 84 | 92 | 90 | 77 | 76 | 84 | 94 | | 81.8 |
| | MIN | 49 | 57 | 58 | 50 | 48 | 56 | 59 | 60 | 64 | 62 | 56 | 61 | 63 | 61 | 55 | 61 | 61 | 58 | 56 | 59 | 43 | 58 | 65 | 62 | 66 | 71 | 59 | 58 | 50 | 65 | | 58.4 |
| SEABROOK FARMS | MAX | 69 | 75 | 77 | 80 | 76 | 83 | 88 | 88 | 87 | 88 | 88 | 79 | 75 | 75 | 76 | 85 | 86 | 73 | 78 | 78 | 73 | 74 | 87 | 87 | 84 | 91 | 91 | 67 | 76 | 84 | | 80.6 |
| | MIN | 52 | 59 | 63 | 52 | 53 | 60 | 61 | 62 | 69 | 65 | 58 | 59 | 64 | 55 | 58 | 65 | 63 | 57 | 57 | 62 | 49 | 56 | 69 | 64 | 67 | 73 | 61 | 60 | 56 | 64 | | 60.4 |
| SHILOH | MAX | 75 | 77 | 78 | 77 | 82 | 87 | 87 | 86 | 86 | 84 | 76 | 77 | 75 | 75 | 83 | 85 | 80 | 78 | 78 | 75 | 73 | 85 | 85 | 84 | 90 | 91 | 90 | 77 | 83 | 94 | | 81.8 |
| | MIN | 52 | 59 | 61 | 54 | 56 | 58 | 61 | 61 | 69 | 64 | 58 | 67 | 63 | 54 | 58 | 64 | 62 | 56 | 57 | 62 | 50 | 60 | 67 | 64 | 71 | 71 | 60 | 59 | 57 | 69 | | 60.8 |
| TOMS RIVER | MAX | 71 | 75 | 77 | 82 | 77 | 80 | 93 | 94 | 88 | 91 | 77 | 73 | 75 | 73 | 79 | 89 | 79 | 74 | 74 | 78 | 77 | 75 | 89 | 80 | 83 | 85 | 90 | 66 | 74 | 84 | | 80.1 |
| | MIN | 50 | 56 | 60 | 52 | 49 | 58 | 62 | 64 | 65 | 64 | 57 | 58 | 63 | 58 | 54 | 64 | 62 | 62 | 53 | 54 | 43 | 58 | 65 | 59 | 67 | 73 | 59 | 59 | 53 | 68 | | 59.0 |
| TRENTON WB CITY | MAX | 75 | 75 | 80 | 76 | 83 | 93 | 93 | 90 | 87 | 80 | 69 | 73 | 71 | 75 | 86 | 80 | 72 | 77 | 77 | 71 | 73 | 88 | 84 | 83 | 91 | 79 | 63 | 74 | 85 | 94 | | 79.9 |
| | MIN | 54 | 60 | 60 | 56 | 59 | 64 | 66 | 68 | 65 | 57 | 57 | 61 | 62 | 58 | 61 | 65 | 61 | 60 | 60 | 58 | 53 | 62 | 66 | 63 | 70 | 65 | 58 | 59 | 59 | 72 | | 61.2 |
| TUCKERTON | MAX | 72 | 75 | 79 | 78 | 85 | 92 | 91 | 90 | 81 | 80 | 68 | 72 | 76 | 78 | 83 | 76 | 71 | 72 | 75 | 74 | 75 | 81 | 77 | 77 | 92 | 92 | 70 | 77 | 78 | 96 | | 79.4 |
| | MIN | 51 | 58 | 61 | 52 | 51 | 59 | 61 | 59 | 67 | 60 | 58 | 62 | 63 | 57 | 56 | 60 | 62 | 60 | 53 | 64 | 44 | 52 | 66 | 59 | 67 | 68 | 60 | 60 | 54 | 68 | | 59.1 |
| WOODSTOWN | MAX | 77 | 77 | 80 | 78 | 84 | 90 | 90 | 90 | 90 | 89 | 76 | 78 | 75 | 78 | 87 | 86 | 80 | 79 | 79 | 77 | 75 | 89 | 88 | 88 | 93 | 92 | 88 | 78 | 86 | 96 | | 83.8 |
| | MIN | 49 | 60 | 60 | 51 | 51 | 58 | 60 | 62 | 70 | 65 | 58 | 67 | 63 | 54 | 56 | 65 | 63 | 57 | 57 | 60 | 46 | 58 | 68 | 63 | 68 | 65 | 60 | 59 | 54 | 69 | | 59.9 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 72 | 72 | 74 | 77 | 73 | 89 | 81 | 81 | 75 | 78 | 70 | 73 | 77 | 80 | 78 | 80 | 72 | 72 | 73 | 75 | 76 | 75 | 78 | 75 | 85 | 93 | 67 | 79 | 75 | 97 | | 77.4 |
| | MIN | 56 | 62 | 60 | 58 | 59 | 65 | 66 | 66 | 68 | 61 | 61 | 65 | 61 | 61 | 65 | 69 | 65 | 63 | 66 | 62 | 55 | 67 | 69 | 68 | 71 | 65 | 63 | 65 | 62 | 71 | | 63.8 |
| CAPE MAY 3 W | MAX | 77 | 77 | 79 | 81 | 83 | | 88 | 84 | 81 | 77 | 77 | 76 | 75 | 78 | 79 | 80 | 80 | | 75 | | 75 | 82 | 83 | 79 | 87 | 88 | 88 | 79 | 79 | 88 | | 80.6 |
| | MIN | 51 | 56 | 62 | 63 | 61 | | 59 | 64 | 68 | 65 | 62 | 66 | 63 | 60 | 64 | 65 | 50 | | 62 | | | 65 | 69 | 65 | 69 | | 64 | 64 | 64 | 65 | | 62.6 |
| LONG BRANCH 2 N | MAX | 72 | 72 | 76 | 76 | 74 | 91 | 92 | 89 | 82 | 80 | 70 | 71 | 73 | 76 | 83 | 83 | 72 | 72 | 70 | 72 | 73 | 86 | 81 | 76 | 84 | 76 | 65 | 71 | 81 | 91 | | 77.7 |
| | MIN | 54 | 59 | 59 | 56 | 56 | 63 | 67 | 65 | 61 | 58 | 55 | 58 | 62 | 58 | 57 | 66 | 62 | 60 | 59 | 62 | 54 | 62 | 67 | 62 | 65 | 65 | 58 | 58 | 57 | 70 | | 60.5 |

# EVAPORATION AND WIND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | EVAP | - | .14 | .03 | .12 | .20 | .23 | .20 | .69 | .73 | .13 | .12 | .03 | - | .21 | .22 | .16 | .22 | .07 | .22 | .21 | .26 | .26 | .10 | .23 | .01 | .17 | .10 | * | .33 | .20 | | 5.998 |
| | WIND | - | - | - | - | 21 | 7 | 5 | 13 | 13 | 10 | 38 | 14 | 13 | 13 | 26 | 12 | 42 | 24 | 13 | 20 | 40 | 17 | 27 | 18 | 8 | 40 | 52 | 64 | 29 | 7 | | 6768 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | EVAP | .16 | .22 | .13 | .20 | .26 | .29 | .26 | .46 | .28 | .23 | .10 | .00 | - | .14 | .26 | .28 | .10 | .28 | .24 | .28 | .40 | .24 | .33 | .27 | .11 | .26 | .14 | .01 | .11 | .26 | | 6.528 |
| | WIND | 89 | 48 | 23 | 61 | 50 | 40 | 56 | 91 | 64 | 72 | 116 | 56 | 59 | 66 | 61 | 60 | 64 | 38 | 53 | 79 | 101 | 86 | 116 | 32 | 47 | 82 | 105 | 131 | 61 | 99 | | 2106 |
| | MAX | 72 | 84 | 75 | 81 | 81 | 88 | 92 | 92 | 88 | 90 | 72 | 64 | 67 | 77 | 79 | 89 | 85 | 81 | 87 | 81 | 80 | 80 | 78 | 92 | 81 | 95 | 74 | 74 | 73 | 87 | | 81.3 |
| | MIN | 54 | 61 | 63 | 58 | 59 | 61 | 65 | 66 | 66 | 68 | 57 | 57 | 63 | 60 | 61 | 67 | 64 | 63 | 64 | 65 | 52 | 55 | 66 | 66 | 66 | 56 | 60 | 58 | 57 | 67 | | 61.5 |
| PEMBERTON 3 E | EVAP | .20 | .18 | .12 | .14 | .19 | .24 | .26 | .24 | .23 | .23 | .10 | - | - | .26 | .17 | .15 | .16 | .15 | .17 | .16 | .11 | .20 | .22 | .22 | .20 | .24 | .19 | .08 | .22 | .23 | | 5.648 |
| | WIND | 17 | 22 | 15 | 14 | 9 | 12 | 12 | 12 | 44 | 39 | 40 | 35 | 21 | 28 | 14 | 28 | 11 | 10 | 24 | 31 | 18 | 32 | 20 | 22 | 9 | 27 | 71 | 51 | 14 | 33 | | 735 |
| SEABROOK FARMS | EVAP | .22 | .21 | .10 | .21 | .20 | .26 | .31 | .30 | .25 | .26 | .28 | .08 | - | - | .23 | .28 | .24 | .15 | .21 | .13 | .43 | .23 | .32 | .14 | .25 | .18 | .56 | .07 | .20 | .35 | | 7.138 |
| | WIND | 52 | 47 | 33 | 31 | 22 | 30 | 43 | 39 | 50 | 34 | 69 | 53 | 37 | 63 | 32 | 32 | 44 | 31 | 33 | 65 | 52 | 43 | 72 | 36 | 48 | 46 | 99 | 74 | 36 | 76 | | 1422 |
| | MAX | 77 | 86 | 78 | 86 | 83 | 93 | 92 | 93 | 95 | 95 | 98 | 81 | 76 | 83 | 88 | 92 | 92 | 80 | 91 | 85 | 83 | 85 | 91 | 96 | 90 | 99 | 93 | 68 | 82 | 89 | | 87.3 |
| | MIN | 55 | 56 | 56 | 57 | 58 | 61 | 64 | 67 | 68 | 70 | 60 | 60 | 65 | 58 | 58 | 64 | 67 | 61 | 61 | 63 | 55 | 65 | 64 | 73 | 64 | 71 | 62 | 61 | 54 | 61 | | 62.0 |

| DATE | TABLE | DIVISION | STATION | CORRECTION |
|---|---|---|---|---|
| ANNUAL 1967 | TOTAL EVAPORATION & WIND MOVEMENT | SOUTHERN 02 | RUTGERS MICRO-MET STA | TOTAL AUGUST WIND MOVEMENT 1449, TOTAL EVAPORATION 6.878 |
| ANNUAL 1967 | TOTAL EVAPORATION & WIND MOVEMENT | SOUTHERN 02 | RUTGERS MICRO-MET STA | SEPTEMBER TOTAL WIND MOVEMENT 1636, TOTAL EVAPORATION 4.538 |

# DAILY SOIL TEMPERATURES

| Station | | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK<br>PLDT 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | INCH | MAX | 71 | 69 | 72 | 71 | 76 | 78 | 78 | 77 | 77 | 73 | 68 | 67 | 72 | 74 | 77 | 77 | 76 | 78 | 76 | 76 | 76 | 77 | 80 | 77 | 82 | 77 | 72 | 70 | 75 | 81 | | 75.0 |
| | | MIN | 56 | 61 | 62 | 59 | 62 | 64 | 68 | 68 | 68 | 68 | 64 | 64 | 67 | 65 | 65 | 69 | 70 | 68 | 69 | 70 | 65 | 68 | 71 | 70 | 72 | 72 | 67 | 68 | 65 | 70 | | 66.5 |
| 2 | INCHES | MAX | 69 | 67 | 70 | 70 | 74 | 76 | 76 | 76 | 76 | 72 | 68 | 68 | 70 | 72 | 75 | 76 | 74 | 76 | 74 | 75 | 74 | 75 | 79 | 75 | 80 | 76 | 72 | 71 | 74 | 79 | | 73.6 |
| | | MIN | 60 | 62 | 65 | 61 | 61 | 64 | 68 | 68 | 68 | 68 | 66 | 67 | 68 | 66 | 66 | 69 | 70 | 68 | 69 | 70 | 66 | 68 | 71 | 71 | 72 | 72 | 68 | 66 | 66 | 70 | | 67.1 |
| 4 | INCHES | MAX | 65 | 65 | 67 | 65 | 70 | 73 | 73 | 72 | 72 | 70 | 68 | 67 | 69 | 70 | 73 | 72 | 72 | 73 | 73 | 73 | 72 | 74 | 76 | 73 | 77 | 75 | 72 | 69 | 73 | 76 | | 71.3 |
| | | MIN | 60 | 61 | 62 | 62 | 62 | 62 | 68 | 68 | 68 | 68 | 66 | 67 | 67 | 66 | 67 | 69 | 71 | 68 | 68 | 70 | 67 | 69 | 71 | 71 | 72 | 72 | 67 | 66 | 67 | 70 | | 67.1 |
| 8 | INCHES | MAX | 64 | 63 | 64 | 64 | 67 | 69 | 71 | 70 | 70 | 70 | 68 | 66 | 67 | 68 | 70 | 70 | 70 | 71 | 71 | 71 | 70 | 72 | 73 | 72 | 74 | 74 | 72 | 69 | 71 | 73 | | 69.5 |
| | | MIN | 58 | 61 | 63 | 63 | 64 | 64 | 68 | 68 | 68 | 68 | 66 | 65 | 66 | 66 | 67 | 69 | 69 | 70 | 70 | 70 | 69 | 69 | 70 | 71 | 72 | 72 | 68 | 67 | 67 | 70 | | 67.3 |
| 16 | INCHES | MAX | 60 | 61 | 61 | 61 | 62 | 64 | 65 | 65 | 65 | 67 | 66 | 66 | 65 | 65 | 66 | 67 | 67 | 67 | 68 | 68 | 68 | 68 | 69 | 69 | 70 | 70 | 70 | 68 | 68 | 68 | | 66.1 |
| | | MIN | 59 | 60 | 61 | 61 | 61 | 62 | 64 | 64 | 64 | 63 | 65 | 65 | 65 | 65 | 65 | 66 | 67 | 67 | 67 | 68 | 67 | 67 | 68 | 69 | 69 | 70 | 68 | 67 | 67 | 68 | | 65.3 |
| 32 | INCHES | MAX | 57 | 58 | 58 | 59 | 59 | 60 | 60 | 61 | 61 | 62 | 63 | 63 | 62 | 62 | 63 | 63 | 63 | 64 | 64 | 64 | 65 | 65 | 65 | 65 | 65 | 66 | 67 | 66 | 66 | 65 | | 62.7 |
| | | MIN | 57 | 57 | 58 | 58 | 59 | 59 | 59 | 60 | 60 | 61 | 62 | 62 | 62 | 62 | 62 | 63 | 63 | 63 | 64 | 64 | 64 | 64 | 65 | 65 | 65 | 65 | 66 | 66 | 65 | 65 | | 62.2 |
| PLOT 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | INCH | MAX | 86 | 77 | 83 | 82 | 89 | 93 | 96 | 93 | 94 | 75 | 68 | 70 | 80 | 83 | 89 | 85 | 84 | 89 | 83 | 81 | 83 | 87 | 95 | 81 | 96 | 76 | 67 | 80 | 83 | 95 | | 84.1 |
| | | MIN | 59 | 62 | 64 | 60 | 61 | 62 | 67 | 67 | 68 | 62 | 62 | 63 | 62 | 62 | 60 | 68 | 65 | 65 | 64 | 57 | 53 | 67 | 66 | 66 | 72 | 67 | 63 | 63 | 59 | 69 | | 63.5 |
| 2 | INCHES | MAX | 82 | 74 | 80 | 80 | 87 | 91 | 92 | 90 | 92 | 71 | 67 | 68 | 77 | 80 | 86 | 83 | 82 | 86 | 81 | 79 | 80 | 84 | 92 | 80 | 92 | 77 | 68 | 77 | 84 | 92 | | 81.8 |
| | | MIN | 58 | 63 | 62 | 62 | 62 | 62 | 67 | 67 | 69 | 63 | 63 | 63 | 64 | 63 | 61 | 68 | 66 | 64 | 66 | 60 | 55 | 63 | 67 | 67 | 72 | 68 | 62 | 63 | 60 | 70 | | 64.0 |
| 8 | INCHES | MAX | 69 | 67 | 69 | 69 | 73 | 76 | 76 | 77 | 78 | 73 | 68 | 66 | 70 | 72 | 75 | 74 | 74 | 76 | 74 | 73 | 71 | 75 | 78 | 74 | 80 | 77 | 72 | 70 | 73 | 79 | | 73.3 |
| | | MIN | 61 | 62 | 66 | 64 | 65 | 65 | 66 | 67 | 69 | 68 | 64 | 65 | 66 | 66 | 65 | 70 | 70 | 68 | 69 | 68 | 65 | 66 | 70 | 70 | 72 | 72 | 66 | 65 | 65 | 70 | | 66.8 |

MAX AND MIN TEMPERATURES ARE FOR THE 24 HOUR PERIOD ENDING AT MIDNIGHT.

PLOT #1 - SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

PLOT #2 - SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH CDPPER-CONSTANTAN THERMOCOUPLES.

# CLIMATOLOGICAL DATA

NEW JERSEY
JUNE 1968
DELAYED DATA

| Station | Temperature |  |  |  |  |  |  |  |  |  |  |  |  | Precipitation |  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  | No. of Days |  |  |  |  |  |  |  | Snow, Sleet |  |  | No. of Days |  |  |
|  |  |  |  |  |  |  |  |  |  | Max. |  | Min. |  |  |  |  |  |  |  |  |  |  |  |
|  | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * *<br>FEBRUARY 1967<br>JERSEY CITY | 36.8 | 22.1 | 29.5 | - 3.2 | 59 | 15 | 4 | 13 | 987 | 0 | 9 | 24 | 0 | 2.95 | .05 | 1.13 | 7 |  |  |  | 5 | 2 | 1 |
| * * *<br>MARCH 1967<br>JERSEY CITY | 44.1 | 30.3 | 37.2 | - 2.6 | 70 | 11 | 8 | 19 | 854 | 0 | 5 | 17 | 0 | 6.33 | 2.30 | 1.83 | 7 |  |  |  | 10 | 4 | 2 |
| * * *<br>APRIL 1967<br>JERSEY CITY | 57.3 | 40.8 | 49.1 | - 1.4 | 78 | 2 | 31 | 12 | 476 | 0 | 0 | 2 | 0 | 3.29 | - .30 | 1.12 | 27 | .0 | 0 |  | 7 | 2 | 1 |
| * * *<br>MAY 1967<br>JERSEY CITY | 62.3M | 47.6M | 55.0M | - 6.2 | 80 | 19 | 39 | 6 | 312 | 0 | 0 | 0 | 0 | 3.98 | .23 | 1.10 | 7 | .0 | 0 |  | 8 | 3 | 1 |
| * * *<br>JUNE 1967<br>JERSEY CITY | 78.7M | 63.8M | 71.3M | 1.2 | 94 | 16 | 50 | 1 | 9 | 2 | 0 | 0 | 0 | 4.35 | .90 | 1.89 | 18 | .0 | 0 |  | 7 | 2 | 1 |
| * * *<br>JULY 1967<br>JERSEY CITY | 80.1 | 67.3 | 73.7 | - 1.6 | 90 | 24 | 59 | 5 | 0 | 1 | 0 | 0 | 0 | 5.45 | 1.28 | 1.92 | 3 | .0 | 0 |  | 11 | 3 | 1 |
| * * *<br>AUGUST 1967<br>JERSEY CITY | 78.8 | 66.1 | 72.5 | - 1.3 | 86 | 18+ | 59 | 25+ | 3 | 0 | 0 | 0 | 0 | 5.03 | .41 | 1.40 | 27 | .0 | 0 |  | 9 | 3 | 2 |
| * * *<br>SEPTEMBER 1967<br>JERSEY CITY | 74.0 | 57.2 | 65.6 | - 1.3 | 85 | 4 | 44 | 26 | 66 | 0 | 0 | 0 | 0 | 1.90 | - 1.91 | .47 | 21 | .0 | 0 |  | 6 | 0 | 0 |
| * * *<br>OCTOBER 1967<br>JERSEY CITY | 63.6 | 48.5 | 56.1 | - .6 | 86 | 5 | 32 | 30 | 295 | 0 | 0 | 1 | 0 | 3.45 | .27 | 1.81 | 25 | .0 | 0 |  | 3 | 3 | 2 |
| * * *<br>NOVEMBER 1967<br>JERSEY CITY | 48.1 | 35.8 | 42.0 | - 3.7 | 68 | 3 | 20 | 16 | 683 | 0 | 0 | 11 | 0 | 2.70 | - .72 | .67 | 2 | .0 | 0 |  | 7 | 2 | 0 |
| * * *<br>DECEMBER 1967<br>JERSEY CITY | 43.3 | 32.6 | 38.0 | 3.2 | 61 | 22 | 20 | 30 | 832 | 0 | 4 | 14 | 0 | 4.63 | 1.34 | 1.39 | 3 |  |  |  | 8 | 3 | 1 |
| * * *<br>JANUARY 1968<br>LAMBERTVILLE | 35.9 | 17.4 | 26.7 | - 5.0 | 50 | 20+ | - 4 | 12 | 1183 | 0 | 12 | 28 | 4 | 2.40 | - .94 | 1.28 | 14 | 4.0 | 4 | 7+ | 9 | 1 | 1 |

## SNOWFALL AND SNOW ON GROUND

| Station |  | Day of month |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * *<br>JANUARY 1968<br>LAMBERTVILLE | SNOWFALL | 2.0 |  | 1.0 | T |  |  | 1.0 |  | T |  |  |  |  |  | T |  |  |  |  |  |  |  | T | T |  |  |  |  |  |  |  |
|  | SN ON GND | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | T | T | T | T | T |  |  |  |  |  |  |  |  |  |  |  |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FEBRUARY 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | 2.95 | | .48 | | .01 | | .25 | 1.13 | | | .07 | | | T | | | | T | .10 | | .08 | .03 | | .74 | | | | T | .06 | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MARCH 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | 6.33 | | | | | .26 | 1.70 | 1.83 | | | | | | .19 | | .38 | .42 | .29 | | | | .10 | .56 | | | | | | T | .60 | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APRIL 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | 3.29 | | T | | | T | .36 | .01 | | | .04 | | | | | .37 | | .51 | .07 | .08 | | | .12 | | .37 | | .24 | 1.12 | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | 3.98 | | .16 | .25 | | .13 | .76 | 1.10 | .02 | | | .62 | | | .02 | .06 | | | | .02 | | | | | T | .37 | .09 | | | .38 | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JUNE 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | 4.35 | | | | | | | | | | | | | | | .16 | | | 1.89 | .94 | | .04 | .30 | .30 | | .27 | | | | | .45 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JULY 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | 5.45 | | | 1.92 | .23 | T | | | | T | .88 | .23 | .13 | | .09 | .28 | .28 | | | | | .10 | .08 | | | .82 | | | .11 | | .30 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AUGUST 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | 5.03 | | | .47 | .20 | .42 | | | | .45 | .06 | | | .10 | | | | | | .06 | .08 | T | .08 | | .10 | 1.10 | .51 | 1.40 | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEPTEMBER 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | 1.90 | | | | | | | | | .12 | .31 | | | | | | .26 | | | | | .47 | | | | | | | .44 | .30 | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OCTOBER 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | 3.45 | | | | | | | | | T | 1.00 | | | | T | | | T | .64 | | | | | | | 1.61 | | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOVEMBER 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANTON | .83 | | | | | | | | | | | | .02 | | | | | | | .03 | .10 | | .02 | .41 | | .25 | | | | | | |
| JERSEY CITY | 2.70 | T | .67 | | .03 | | | | | | | T | .04 | | T | T | | .16 | .19 | T | | | .14 | .62 | T | .45 | | | | | .40 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DECEMBER 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | 4.63 | | | 1.39 | | | | .02 | .05 | | .29 | .83 | .98 | | | | | | | | | | .37 | .05 | | .20 | .08 | T | .13 | .04 | | .20 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JANUARY 1968 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAMBERTVILLE | 2.40 | .18 | | .12 | .12 | | | .10 | | T | | | | | 1.28 | .18 | | | | | | | | .15 | T | | | | .02 | .04 | .10 | .11 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MARCH 1968 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| POTTERSVILLE 2 NNW | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.51 | .02 | | | .36 | .74 | .02 | T | | .04 | T | .57 | .03 | | | | | T | |

# DAILY SOIL TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MARCH 1968 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RUTGERS MICRO-MET STA PLOT # 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 33 | 33 | 34 | 38 | 35 | 37 | 34 | 34 | 40 | 46 | 45 | 50 | 50 | 50 | 47 | 51 | 41 | 45 | 48 | 52 | 51 | 55 | 54 | 54 | 41.6 |
| | MIN | 33 | 33 | 33 | 32 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 34 | - | 33 | 33 | - | 40 | 43 | 45 | 42 | 45 | 45 | - | 35 | 34 | 36 | 41 | 44 | 44 | 45 | 46 | 37.4 |
| 2 INCHES | MAX | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 37 | 34 | 36 | 34 | 34 | 40 | 43 | 44 | 48 | 49 | 49 | 47 | 50 | 46 | 45 | 47 | 51 | 50 | 53 | 53 | 53 | 41.1 |
| | MIN | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | - | 33 | 33 | - | 40 | 42 | 44 | 43 | 45 | 45 | - | 37 | 36 | 37 | 42 | 45 | 45 | 48 | 46 | 37.8 |
| 4 INCHES | MAX | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 33 | 33 | 34 | 38 | 35 | 36 | 35 | 34 | 38 | 41 | 43 | 46 | 47 | 47 | 46 | 46 | 45 | 43 | 45 | 48 | 48 | 49 | 51 | 51 | 40.1 |
| | MIN | 33 | 33 | 32 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 34 | - | 33 | 34 | - | 38 | 41 | 43 | 43 | 43 | 46 | - | 40 | 37 | 37 | 42 | 45 | 45 | 48 | 47 | 37.8 |
| 8 INCHES | MAX | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 36 | 35 | 36 | 35 | 35 | 37 | 40 | 42 | 44 | 45 | 46 | 45 | 45 | 45 | 42 | 44 | 46 | 46 | 47 | 49 | 50 | 39.7 |
| | MIN | 33 | 34 | 33 | 33 | 34 | 33 | 34 | 34 | 34 | 34 | 34 | 35 | - | 34 | 34 | - | 37 | 40 | 42 | 42 | 44 | 45 | - | 41 | 39 | 40 | 42 | 45 | 45 | 47 | 48 | 38.2 |
| 16 INCHES | MAX | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 36 | 36 | 36 | 36 | 36 | 36 | 37 | 38 | 40 | 41 | 42 | 43 | 43 | 44 | 43 | 42 | 42 | 44 | 44 | 45 | 46 | 47 | 39.1 |
| | MIN | 35 | 35 | 35 | 35 | 34 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | - | 35 | 36 | - | 37 | 38 | 40 | 41 | 41 | 43 | - | 42 | 40 | 40 | 42 | 44 | 44 | 45 | 46 | 38.3 |
| 32 INCHES | MAX | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 38 | 37 | 37 | 37 | 37 | 37 | 38 | 39 | 40 | 40 | 41 | 41 | 42 | 42 | 42 | 42 | 43 | 43 | 43 | 44 | 45 | 39.3 |
| | MIN | 37 | 37 | 37 | 37 | 34 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | - | 36 | 37 | - | 37 | 38 | 39 | 39 | 39 | 41 | - | 41 | 42 | 41 | 42 | 43 | 43 | 43 | 44 | 38.8 |
| PLOT # 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 41 | 34 | 34 | 35 | 47 | 48 | 47 | 53 | 43 | 45 | 58 | 39 | 41 | 45 | - | 49 | 48 | 47 | 69 | 61 | 60 | 55 | 57 | 53 | 61 | 65 | 71 | 68 | 71 | 68 | 71 | 52.8 |
| | MIN | 33 | 33 | 33 | 27 | 33 | 33 | 32 | 32 | 36 | 35 | 39 | 35 | - | 33 | 34 | - | 47 | 44 | 46 | 42 | 46 | 46 | - | 34 | 33 | 33 | 40 | 43 | 43 | 43 | 42 | 37.5 |
| 2 INCHES | MAX | 39 | 34 | 39 | 33 | 43 | 45 | 44 | 47 | 42 | 43 | 57 | 39 | 40 | 43 | - | 48 | 47 | 47 | 64 | 59 | 59 | 54 | 55 | 50 | 58 | 61 | 67 | 65 | 67 | 65 | 67 | 50.7 |
| | MIN | 33 | 33 | 33 | 30 | 33 | 33 | 33 | 33 | 36 | 35 | 39 | 35 | - | 34 | 34 | - | 47 | 45 | 47 | 43 | 47 | 46 | - | 36 | 34 | 34 | 41 | 44 | 44 | 45 | 44 | 38.3 |
| 8 INCHES | MAX | 34 | 34 | 36 | 34 | 34 | 34 | 35 | 35 | 38 | 39 | 46 | 39 | 38 | 37 | - | 48 | 44 | 50 | 64 | 59 | 52 | 48 | 49 | 53 | 48 | 49 | 53 | 54 | 53 | 54 | 55 | 44.9 |
| | MIN | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 35 | 37 | 39 | 37 | - | 35 | 36 | - | 42 | 43 | 50 | 45 | 48 | 47 | - | 49 | 34 | 40 | 44 | 47 | 47 | 51 | 50 | 40.0 |

MAX AND MIN TEMPERATURES ARE FOR THE 24 HOUR PERIOD ENDING AT MIDNIGHT.

PLOT #1 - SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

PLOT #2 - SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# DAILY TEMPERATURES

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FEBRUARY 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | MAX | 45 | 58 | 35 | 40 | 47 | 36 | 16 | 26 | 35 | 37 | 47 | 29 | 23 | 43 | 59 | 53 | 29 | 28 | 34 | 40 | 36 | 36 | 39 | 27 | 21 | 30 | 36 | 44 | | | | 36.8 |
| | MIN | 34 | 35 | 22 | 25 | 36 | 15 | 10 | 6 | 15 | 27 | 27 | 8 | 4 | 21 | 38 | 25 | 24 | 23 | 21 | 32 | 25 | 23 | 25 | 20 | 14 | 17 | 22 | 26 | | | | 22.1 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MARCH 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | MAX | 27 | 38 | 64 | 42 | 39 | 39 | 35 | 41 | 51 | 65 | 70 | 52 | 40 | 63 | 45 | 32 | 26 | 20 | 27 | 38 | 35 | 33 | 36 | 44 | 54 | 55 | 45 | 48 | 53 | 58 | 51 | 44.1 |
| | MIN | 17 | 19 | 35 | 36 | 32 | 33 | 30 | 28 | 32 | 39 | 47 | 39 | 35 | 37 | 28 | 22 | 14 | 10 | 8 | 22 | 31 | 30 | 28 | 28 | 32 | 34 | 36 | 36 | 40 | 39 | 42 | 30.3 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APRIL 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | MAX | 72 | 78 | 77 | 45 | 61 | 53 | 43 | 53 | 52 | 70 | 46 | 51 | 54 | 64 | 54 | 55 | 47 | 55 | 52 | 65 | 52 | 74 | 55 | 47 | 53 | 50 | 51 | 60 | 66 | 64 | | 57.3 |
| | MIN | 41 | 59 | 41 | 32 | 36 | 39 | 36 | 39 | 38 | 40 | 33 | 31 | 38 | 47 | 42 | 42 | 40 | 43 | 40 | 42 | 45 | 49 | 47 | 35 | 37 | 40 | 38 | 46 | 44 | 43 | | 40.8 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | MAX | 65 | 53 | 61 | 56 | 64 | 57 | | 57 | 58 | 57 | 51 | 61 | 61 | 60 | 55 | 63 | 67 | 74 | 80 | 72 | 56 | 57 | 65 | 59 | 48 | 55 | 75 | 76 | 63 | 72 | 70 | 62.3 |
| | MIN | 49 | 50 | 47 | 47 | 50 | 39 | | 41 | 46 | 44 | 45 | 49 | 44 | 49 | 49 | 47 | 48 | 48 | 58 | 52 | 46 | 50 | 47 | 45 | 43 | 43 | 49 | 56 | 51 | 48 | 49 | 47.6 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JUNE 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | MAX | 73 | 86 | 81 | 81 | 78 | 76 | 78 | 81 | 78 | 83 | 83 | 90 | 74 | 66 | 82 | 94 | 84 | 80 | 67 | 69 | 80 | | | 79 | 89 | 78 | 81 | 77 | 72 | 64 | | 78.7 |
| | MIN | 50 | 60 | 66 | 61 | 62 | 66 | 67 | 64 | 63 | 67 | 71 | 66 | 62 | 60 | 62 | 70 | 74 | 67 | 60 | 60 | 60 | | | 68 | 70 | 60 | 61 | 66 | 63 | 61 | | 63.8 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JULY 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | MAX | 73 | 76 | 85 | 78 | 75 | 77 | 75 | 75 | 80 | 86 | 81 | 89 | 83 | 79 | 75 | 78 | 79 | 78 | 78 | 79 | 78 | 76 | 82 | 90 | 86 | 85 | 83 | 78 | 81 | 81 | 85 | 80.1 |
| | MIN | 64 | 66 | 63 | 65 | 59 | 60 | 66 | 64 | 70 | 71 | 71 | 70 | 73 | 66 | 66 | 65 | 64 | 69 | 67 | 68 | 66 | 66 | 71 | 74 | 70 | 66 | 71 | 70 | 67 | 67 | 71 | 67.3 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AUGUST 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | MAX | 86 | 80 | 76 | 75 | 81 | 84 | 82 | 78 | 77 | 84 | 78 | 74 | 69 | 83 | 82 | 82 | 81 | 86 | 84 | 79 | 80 | 80 | 73 | 69 | 66 | 70 | 78 | 79 | 82 | 84 | 80 | 78.8 |
| | MIN | 69 | 69 | 71 | 67 | 67 | 66 | 65 | 70 | 65 | 70 | 63 | 62 | 65 | 61 | 64 | 66 | 69 | 72 | 71 | 70 | 68 | 69 | 65 | 59 | 59 | 63 | 68 | 67 | 63 | 63 | 63 | 66.1 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEPTEMBER 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | MAX | 70 | 70 | 78 | 85 | 82 | 84 | 82 | 81 | 75 | 67 | 70 | 72 | 75 | 78 | 79 | 69 | 82 | 83 | 84 | 75 | 70 | 73 | 59 | 61 | 63 | 72 | 72 | 70 | 72 | 68 | | 74.0 |
| | MIN | 54 | 54 | 54 | 62 | 63 | 61 | 62 | 62 | 65 | 54 | 51 | 49 | 50 | 55 | 60 | 63 | 60 | 64 | 63 | 67 | 63 | 52 | 45 | 47 | 46 | 44 | 59 | 65 | 67 | 55 | | 57.2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OCTOBER 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | MAX | 65 | 71 | 81 | 84 | 86 | 70 | 60 | 60 | 71 | 66 | 64 | 59 | 59 | 57 | 63 | 66 | 72 | 65 | 56 | 57 | 65 | 61 | 61 | 60 | 64 | 54 | 56 | 56 | 53 | 55 | 55 | 63.6 |
| | MIN | 52 | 49 | 58 | 63 | 65 | 54 | 38 | 53 | 60 | 61 | 46 | 49 | 48 | 42 | 48 | 57 | 56 | 56 | 46 | 41 | 46 | 43 | 41 | 45 | 52 | 42 | 40 | 43 | 36 | 32 | 40 | 48.5 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOVEMBER 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | MAX | 57 | 63 | 68 | 58 | 51 | 47 | 42 | 43 | 42 | 54 | 54 | 62 | 52 | 42 | 40 | 35 | 44 | 48 | 45 | 38 | 39 | 48 | 50 | 46 | 48 | 60 | 55 | 39 | 38 | 34 | | 48.1 |
| | MIN | 46 | 53 | 53 | 41 | 36 | 32 | 35 | 32 | 33 | 42 | 40 | 48 | 39 | 32 | 22 | 20 | 29 | 36 | 38 | 30 | 28 | 39 | 37 | 36 | 40 | 40 | 39 | 28 | 26 | 25 | | 35.8 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DECEMBER 1967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | MAX | 32 | 40 | 51 | 46 | 45 | 40 | 46 | 54 | 49 | 36 | 40 | 50 | 58 | 52 | 39 | 37 | 45 | 46 | 56 | 53 | 49 | 61 | 42 | 33 | 40 | 38 | 31 | 36 | 35 | 31 | 30 | 43.3 |
| | MIN | 22 | 22 | 40 | 37 | 34 | 33 | 36 | 43 | 36 | 32 | 34 | 40 | 42 | 36 | 32 | 31 | 36 | 37 | 42 | 37 | 35 | 38 | 28 | 26 | 28 | 27 | 30 | 30 | 23 | 20 | 23 | 32.6 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JANUARY 1968 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAMBERTVILLE | MAX | 31 | 24 | 31 | 38 | 30 | 27 | 27 | 18 | 15 | 26 | 23 | 28 | 34 | 41 | 42 | 33 | 35 | 46 | 50 | 50 | 49 | 48 | 38 | 37 | 27 | 42 | 49 | 42 | 43 | 42 | 47 | 35.9 |
| | MIN | 18 | -3 | 14 | 28 | 9 | 2 | 15 | 3 | 2 | 8 | 0 | -4 | 0 | 29 | 30 | 15 | 16 | 18 | 20 | 28 | 29 | 24 | 29 | 21 | 21 | 11 | 21 | 28 | 35 | 36 | 36 | 17.4 |

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES |  |  |  | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) |  |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 |  |  |  | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID |  | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P |  |  | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 |  | 9A |  | M | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P |  |  | BELLEPLAIN STATE FOREST |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 |  | 7A |  |  | WALTER J SCHANCK |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A |  | M | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 |  | 7A |  |  | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 |  | 7A |  |  | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A |  |  | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 |  | 7A |  |  | ALBERT H. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P |  |  | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 |  | 8A |  |  | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A |  | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 |  | 9A |  |  | GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 58 | 10 | 5P | 5P |  | C | N.WEST MAGNESITE CO. |
| CEDAR GROVE | 1472 | 01 | ESSEX | 8 | 40 52 | 74 13 | 400 |  | 8A |  |  | J. A. PLUNKETT |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 |  |  |  | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A |  | M | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P |  |  | EARL H. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 |  | 8A |  |  | ANDREW F DROPPE |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P |  |  | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A |  | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A |  | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 |  | 7A |  |  | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A |  | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A |  | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 |  | 7A |  |  | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A |  |  | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A |  |  | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P |  | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P |  | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID |  |  | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P |  | M | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A |  |  | CHARLES KOONS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A |  | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 N | 4987 | 03 | MONMOUTH | 1 | 40 20 | 74 00 | 10 | 6P | 6P |  | M | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A |  | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 |  |  |  | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 |  | 7A |  |  | ROBERT G. GLASGOW |
| MANVILLE | 5197 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | JOHN L. RADCLIFFE |
| MARLBORO SCS | 5244 | 02 | MONMOUTH | 1 | 40 20 | 74 14 | 120 |  |  |  | C | GEROW BRILL |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 |  |  |  | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 |  | 9A |  | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 |  | MID |  |  | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 9A | 9A |  | H | MRS.WESLEY F.PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID |  | M | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 |  | 7A |  |  | JERSEY CITY WATER WKS. |

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES |  |  |  | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) |  |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A |  | H | M. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A |  | M | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIV |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 |  | MID |  | C | HACKENSACK WATER CO. |
| NEW MONMOUTH | 6154 | 02 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P |  |  | ST. MARYS SCHOOL |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A |  | C H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 |  | 8A |  |  | NEWARK WATER DEPT. |
| PATERSON | 677[illegible] | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A |  | M | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | M | PHILIP E. MARUCCI |
| PENNSAUKEN | 6863 | 02 | CAMDEN | 2 | 39 57 | 75 04 | 60 |  | 9A |  |  | CAMDEN COUNTY PLNG BD. |
| PHILLIPSBURG | 697[illegible] | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 3P | 3P |  | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 697[illegible] | 01 | WARREN | 2 | 40 42 | 75 12 | 200 |  | 7A |  |  | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 707[illegible] | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P |  | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 |  | 8A |  |  | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 |  | MID |  |  | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 |  | MID |  | C M | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 |  | 10A |  |  | NO. JERSEY WTR. SUPPLY |
| RUTGERS MICRO-MET STA | 7831 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 |  |  | 8A | CG | CLOSED 6/1/68 |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P |  |  | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P |  | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 |  | 10A |  |  | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 |  |  |  | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A |  |  | MRS. WILDA MILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A |  |  | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P |  |  | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 |  | 8A |  | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 |  |  |  | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 |  | 7A |  |  | ROBERT H. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 |  | 7A |  |  | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 |  | MID |  | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P |  |  | CREAM VALLEY DAIRY |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground, however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

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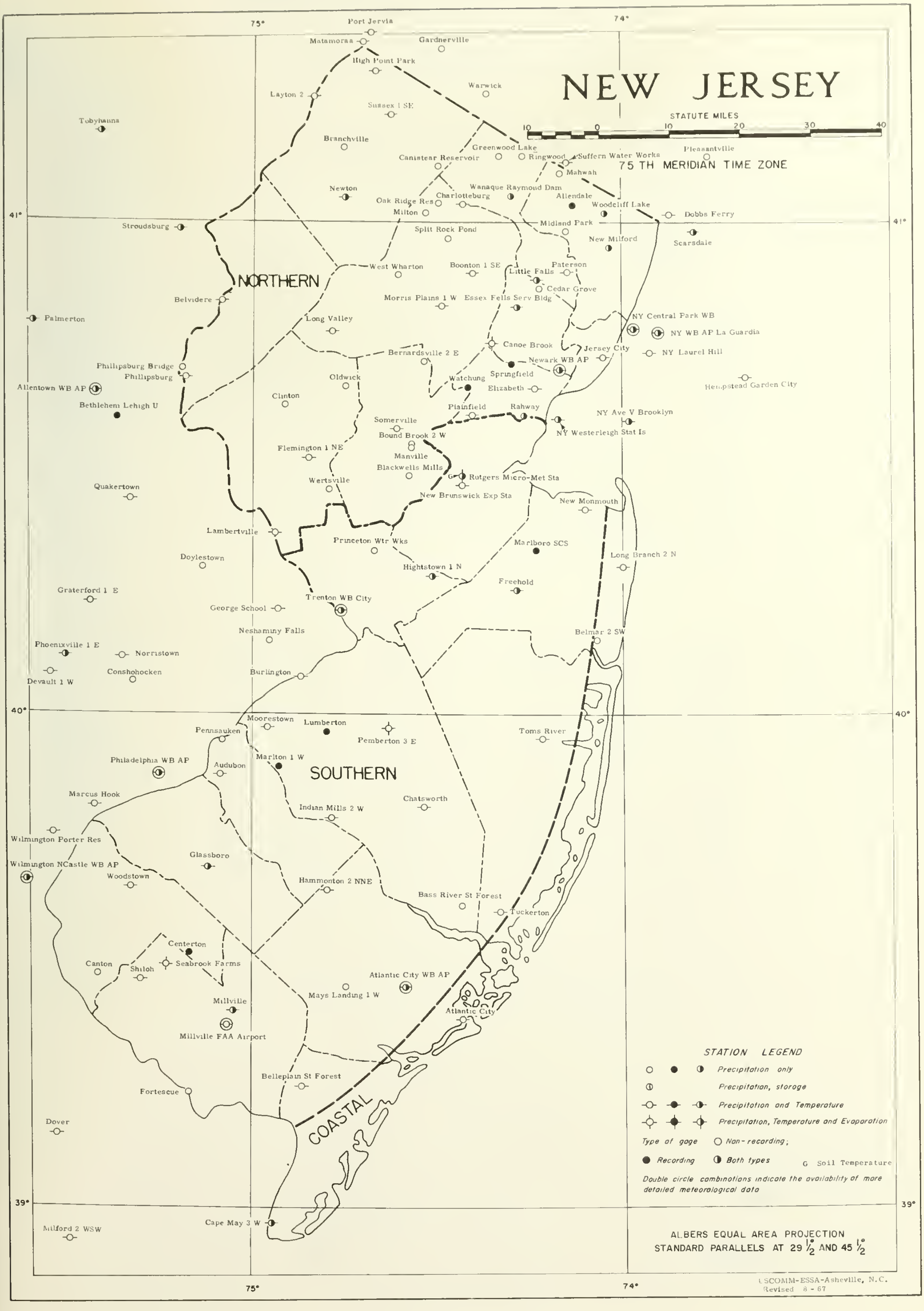
Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-7/31/68-880



# NEW JERSEY

USCOMM-ESSA-Asheville, N.C.
Revised 8 - 67

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C. R. SMITH, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
JULY 1968
Volume 73 No. 7

## CLIMATOLOGICAL DATA

| Station | Temperature: Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | No. of Days Max. 90° or Above | Max. 32° or Below | Min. 32° or Below | Min. 0° or Below | Precipitation: Total | Departure From Normal | Greatest Day | Date | Snow, Sleet: Total | Max. Depth on Ground | Date | No. of Days .10 or More | .50 or More | 1.00 or More |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 84.4 | 60.8 | 72.6 | - 2.5 | 94 | 18+ | 49 | 30+ | 2 | 6 | 0 | 0 | 0 | 1.49 | - 3.81 | .71 | 25 | .0 | 0 | | 3 | 1 | 0 |
| BOONTON 1 SE | 85.0 | 61.8 | 73.4 | .6 | 95 | 18 | 48 | 30 | 1 | 7 | 0 | 0 | 0 | 1.02 | - 3.22 | .59 | 20 | .0 | 0 | | 3 | 1 | 0 |
| CANOE BROOK | 86.6 | 62.7 | 74.7 | 1.7 | 98 | 18 | 48 | 7 | 0 | 11 | 0 | 0 | 0 | 2.95 | - 1.60 | .98 | 25 | .0 | 0 | | 4 | 3 | 0 |
| CHARLOTTEBURG | 83.3 | 59.9 | 71.6 | .7 | 95 | 18 | 47 | 30 | 7 | 4 | 0 | 0 | 0 | .97 | - 3.76 | .60 | 25 | .0 | 0 | | 2 | 1 | 0 |
| ELIZABETH | 87.0M | 63.9 | 75.5M | - .3 | 96 | 17+ | 55 | 30+ | 0 | | 0 | 0 | 0 | 1.64 | - 2.87 | 1.22 | 24 | .0 | 0 | | 2 | 1 | 1 |
| ESSEX FELLS SERV BLDG | 86.7 | 62.0 | 74.4 | | 100 | 16 | 50 | 30 | 0 | 9 | 0 | 0 | 0 | 1.83 | | .53 | 20 | .0 | 0 | | 5 | 1 | 0 |
| FLEMINGTON 1 NE | 86.7 | 59.1 | 72.9 | - 2.5 | 98 | 18 | 44 | 30 | 4 | 10 | 0 | 0 | 0 | 1.09 | - 3.43 | .83 | 20 | .0 | 0 | | 2 | 1 | 0 |
| HIGH POINT PARK | 83.3 | 59.6 | 71.5 | | 94 | 2 | 51 | 30 | 0 | 7 | 0 | 0 | 0 | .75 | | .33 | 25 | .0 | 0 | | 3 | 0 | 0 |
| JERSEY CITY | | | | | | | | | | | | | | | | | | | | | | | |
| LAMBERTVILLE | 88.3 | 63.5 | 75.9 | 1.1 | 98 | 17 | 48 | 7 | 0 | 11 | 0 | 0 | 0 | 1.15 | - 3.36 | .51 | 20 | .0 | 0 | | 3 | 1 | 0 |
| LAYTON 2 | 84.6 | 58.3 | 71.5 | | 95 | 18+ | 45 | 30+ | 10 | 7 | 0 | 0 | 0 | 1.17 | | .52 | 25 | .0 | 0 | | 2 | 1 | 0 |
| LITTLE FALLS | 88.8 | 64.9 | 76.9 | 2.1 | 99 | 2 | 53 | 7 | 0 | 14 | 0 | 0 | 0 | .71 | - 3.83 | .50 | 20 | .0 | 0 | | 2 | 1 | 0 |
| LONG VALLEY | 83.9 | 56.0 | 70.0 | | 94 | 18 | 44 | 31+ | 11 | 6 | 0 | 0 | 0 | 1.72 | - 3.48 | .98 | 4 | .0 | 0 | | 2 | 2 | 0 |
| MORRIS PLAINS 1 W | 85.4 | 61.2 | 73.3 | | 96 | 18 | 49 | 30 | 2 | 7 | 0 | 0 | 0 | 2.30 | | .85 | 20 | .0 | 0 | | 3 | 3 | 0 |
| NEWARK WB AIRPORT R | 87.1 | 69.2 | 78.2 | 1.9 | 98 | 16+ | 60 | 29 | 0 | 9 | 0 | 0 | 0 | 1.87 | - 1.80 | 1.13 | 24 | .0 | 0 | | 2 | 2 | 1 |
| NEWTON | 86.3 | 57.3 | 71.8 | - .4 | 97 | 18 | 43 | 30 | 10 | 9 | 0 | 0 | 0 | 1.92 | - 2.95 | 1.36 | 25 | .0 | 0 | | 3 | 1 | 1 |
| PATERSON | 88.3 | 67.4 | 77.9 | 2.2 | 100 | 2 | 56 | 30+ | 0 | 14 | 0 | 0 | 0 | 1.23 | - 3.40 | .42 | 20 | .0 | 0 | | 4 | 0 | 0 |
| PHILLIPSBURG | 88.3 | 61.9 | 75.1 | .8 | 97 | 17 | 48 | 7 | 0 | 12 | 0 | 0 | 0 | 1.12 | - 4.17 | .47 | 4 | .0 | 0 | | 4 | 0 | 0 |
| PLAINFIELD | 87.1 | 63.7 | 75.4 | .5 | 98 | 17 | 50 | 7 | 0 | 8 | 0 | 0 | 0 | 2.07 | - 2.54 | 1.35 | 24 | .0 | 0 | | 3 | 1 | 1 |
| SOMERVILLE | 87.2 | 62.6 | 74.9 | .3 | 98 | 17 | 50 | 7 | 0 | 10 | 0 | 0 | 0 | 2.17 | - 2.57 | 1.32 | 19 | .0 | 0 | | 2 | 2 | 1 |
| SUSSEX 1 SE | 84.6M | 55.6M | 70.1M | - 2.8 | 95 | 18 | 42 | 30 | 16 | | 0 | 0 | 0 | .94 | - 4.13 | .78 | 4 | .0 | 0 | | 1 | 1 | 0 |
| DIVISION | | | 73.9 | - .1 | | | | | | | | | | 1.51 | - 3.14 | | | .0 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 84.8 | 63.5 | 74.2 | - .9 | 99 | 1 | 53 | 30 | 0 | 7 | 0 | 0 | 0 | 1.75 | - 1.97 | .73 | 24 | .0 | 0 | | 5 | 1 | 0 |
| AUDUBON | 88.1 | 66.1 | 77.1 | | 97 | 17+ | 53 | 7 | 0 | 11 | 0 | 0 | 0 | 2.31 | | 1.34 | 24 | .0 | 0 | | 5 | 1 | 1 |
| BELLEPLAIN ST FOREST | 87.3 | 63.0 | 75.2 | | 97 | 1 | 52 | 7 | 0 | 12 | 0 | 0 | 0 | 2.05 | - 2.79 | 1.17 | 3 | .0 | 0 | | 4 | 2 | 1 |
| BURLINGTON | 89.7 | 67.5 | 78.6 | 1.4 | 102 | 1 | 52 | 30 | 0 | 14 | 0 | 0 | 0 | 2.78 | - 1.46 | 1.60 | 25 | .0 | 0 | | 5 | 1 | 1 |
| CHATSWORTH | 86.9M | 63.1 | 75.0M | | 97 | 1 | 51 | 7 | 0 | 9 | 0 | 0 | 0 | 3.21 | | 1.20 | 25 | .0 | 0 | | 5 | 2 | 2 |
| FREEHOLD | 85.8 | 63.5 | 74.7 | - .2 | 97 | 18 | 50 | 7 | 0 | 9 | 0 | 0 | 0 | 1.98 | - 2.26 | 1.19 | 25 | .0 | 0 | | 3 | 1 | 1 |
| GLASSBORO | 87.3 | 65.5 | 76.4 | | 97 | 2 | 54 | 30 | 0 | 10 | 0 | 0 | 0 | 1.29 | | .77 | 3 | .0 | 0 | | 3 | 1 | 0 |
| HAMMONTON 2 NNE | 88.2 | 65.6 | 76.9 | .8 | 100 | 1 | 54 | 7 | 0 | 13 | 0 | 0 | 0 | 3.46 | - 1.10 | 1.22 | 16 | .0 | 0 | | 6 | 3 | 1 |
| HIGHTSTOWN 1 N | 86.5 | 63.2 | 74.9 | .1 | 97 | 17 | 49 | 7 | 0 | 10 | 0 | 0 | 0 | 2.14 | - 2.32 | .73 | 19 | .0 | 0 | | 4 | 2 | 0 |
| INDIAN MILLS 2 W | 86.0 | 61.0 | 73.5 | - 1.2 | 97 | 17+ | 47 | 7 | 1 | 9 | 0 | 0 | 0 | 4.44 | .17 | 1.41 | 25 | .0 | 0 | | 4 | 4 | 2 |
| MILLVILLE | 87.3 | 64.5 | 75.9 | | 97 | 2 | 53 | 7 | 0 | 10 | 0 | 0 | 0 | 1.59 | | .47 | 7 | .0 | 0 | | 4 | 0 | 0 |
| MILLVILLE FAA AIRPORT | 85.3 | 66.1 | 75.7 | | 96 | 17+ | 56 | 30 | 0 | 8 | 0 | 0 | 0 | .93 | | .28 | 2 | .0 | 0 | | 4 | 0 | 0 |
| MOORESTOWN | 86.6 | 65.7 | 76.2 | 1.1 | 97 | 17+ | 50 | 7 | 0 | 9 | 0 | 0 | 0 | 3.55 | - .62 | 2.37 | 25 | .0 | 0 | | 4 | 3 | 1 |
| NEW BRUNSWICK | 86.0 | 65.6 | 75.8 | | 97 | 18 | 54 | 30+ | 0 | 9 | 0 | 0 | 0 | .85 | | .57 | 25 | .0 | 0 | | 3 | 1 | 0 |
| NEW MONMOUTH | 86.5 | 65.0 | 75.8 | | 97 | 17 | 54 | 30 | 0 | 10 | 0 | 0 | 0 | 3.09 | | 1.95 | 24 | .0 | 0 | | 4 | 2 | 1 |
| PEMBERTON 3 E | 86.5 | 62.6 | 74.6 | - .9 | 98 | 18+ | 49 | 29 | 0 | 9 | 0 | 0 | 0 | 6.45 | 1.80 | 3.14 | 25 | .0 | 0 | | 4 | 2 | 2 |
| SEABROOK FARMS | 85.8 | 65.9 | 75.9 | | 95 | 2+ | 55 | 7 | 0 | 9 | 0 | 0 | 0 | 4.23 | | 1.47 | 15 | .0 | 0 | | 5 | 4 | 2 |
| SHILOH | 86.5 | 65.8 | 76.2 | - .2 | 95 | 18+ | 56 | 7 | 0 | 10 | 0 | 0 | 0 | 1.81 | - 2.48 | .84 | 6 | .0 | 0 | | 3 | 2 | 0 |
| TOMS RIVER | 85.9 | 63.2 | 74.6 | | 99 | 2 | 50 | 7 | 0 | 9 | 0 | 0 | 0 | 1.73 | | .74 | 25 | .0 | 0 | | 5 | 1 | 0 |
| TRENTON WB CITY R | 85.6 | 67.8 | 76.7 | .7 | 97 | 17+ | 58 | 7 | 0 | 9 | 0 | 0 | 0 | 2.35 | - 1.83 | 1.51 | 24 | .0 | 0 | | 4 | 1 | 1 |
| TUCKERTON | 84.4 | 64.5 | 74.5 | | 98 | 1 | 52 | 7 | 1 | 8 | 0 | 0 | 0 | 2.01 | | .93 | 25 | .0 | 0 | | 5 | 1 | 0 |
| WOODSTOWN | 88.4 | 65.8 | 77.1 | | 97 | 17+ | 53 | 7 | 0 | 10 | 0 | 0 | 0 | 1.70 | | .77 | 3 | .0 | 0 | | 3 | 2 | 0 |
| DIVISION | | | 75.7 | .3 | | | | | | | | | | 2.53 | - 1.84 | | | .0 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 82.5 | 70.4 | 76.5 | 2.3 | 98 | 1 | 61 | 6 | 0 | 4 | 0 | 0 | 0 | 1.26 | - 2.60 | .63 | 6 | | | | 4 | 1 | 0 |
| CAPE MAY 3 W | 86.5M | 68.0M | 77.3M | | 97 | 2 | 54 | 30 | 0 | | 0 | 0 | 0 | | | | | .0 | | | | | |
| LONG BRANCH 2 N | 83.6 | 67.8 | 75.7 | 1.3 | 95 | 1 | 58 | 7 | 0 | 6 | 0 | 0 | 0 | 1.59 | - 2.66 | .73 | 24 | .0 | | | 5 | 1 | 0 |
| DIVISION | | | 76.5 | 1.9 | | | | | | | | | | 1.43 | - 2.45 | | | .0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>BURLINGTON | 102 | DATE | 01 |
| LOWEST TEMPERATURE<br>SUSSEX 1 SE | 42 | DATE | 30 |
| GREATEST TOTAL PRECIPITATION<br>PEMBERTON 3 E | 6.45 | | |
| LEAST TOTAL PRECIPITATION<br>POTTERSVILLE 2 NNW | .39 | | |
| GREATEST 1 DAY PRECIPITATION<br>PEMBERTON 3 E | 3.14 | DATE | 25 |

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See Reference Notes Following Station Index

# DAILY PRECIPITATION

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * *<br>NORTHERN 01 |||||||||||||||||||||||||||||||||
| BELVIDERE | 1.49 ||| .04 | .32 |||||||||||||||| .42 ||||| .71 |||||||
| BERNARDSVILLE 2 E | 1.18 ||| T | .06 | .02 |||||| .02 ||||||||| .96 ||||| .12 |||||||
| BLACKWELLS MILLS | .63 ||| .09 | .03 ||||||||||||||| .27 |||||| .24 |||||||
| BOONTON 1 SE | 1.02 |||| .11 | T |||||| .02 |||| T ||||| .59 ||||| .30 |||||||
| BOUND BROOK 2 W | 1.76 ||| .03 | .04 |||||||||||||||| .83 ||||| .86 |||||||
| BRANCHVILLE | 1.11 |||| .78 |||||||||||||||| .18 ||||| .15 |||||||
| CANISTEAR RESERVOIR | .77 |||| .46 |||||||||||||||| .05 ||||| .26 |||||||
| CANOE BROOK | 2.95 ||| .01 | T | .03 |||||| .48 ||||||| .50 || .95 ||||| .98 |||||||
| CEDAR GROVE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CHARLOTTESBURG | .97 |||| .32 | T ||||||||||||||| .05 ||||| .60 |||||||
| CLINTON | 1.29 |||| .04 |||||||||||||| T || .75 ||||| .50 |||||||
| ELIZABETH | 1.64 ||||||||||||||||||| .35 | T |||| 1.22 | .07 |||||||
| ESSEX FELLS SERV BLDG | 1.83 ||||| .17 |||||| .17 ||||||| .49 || .53 ||||| .47 |||||||
| FLEMINGTON 1 NE | 1.09 ||| T | .07 ||||||| .05 ||||||||| .83 ||| .02 || .12 |||||||
| GREENWOOD LAKE | .65 |||| .45 | .02 ||||||||||||||| .08 ||||| .10 |||||||
| HIGH POINT PARK | .75 |||||||||||||||||| .10 || .32 ||||| .33 |||||||
| JERSEY CITY | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LAMBERTVILLE | 1.15 ||| .06 | .05 | T | .01 ||||||||||||| .07 | .51 |||| .16 | .29 |||||||
| LAYTON 2 | 1.17 ||| T | .09 |||||||||||| .07 |||| .49 ||||| .52 ||| T ||||
| LITTLE FALLS | .71 ||| T | T |||||||||||||| .02 || .50 ||||| .19 |||||||
| LONG VALLEY | 1.72 |||| .98 | .04 ||||||||||||||| .05 ||||| .65 |||||||
| MAHWAH | .80 |||| .47 |||||||||||||||| .15 ||||| .18 |||||||
| MANVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MIDLAND PARK | 1.65 |||| .26 |||||| .01 ||||||||| .61 ||||| .77 ||||||||
| MILTON | 1.42 |||| .61 |||||||||||||||| .10 ||||| .71 |||||||
| MORRIS PLAINS 1 W | 2.30 ||| T | .03 | .04 |||||| .66 | T |||||||| .85 ||||| .72 |||||||
| NEWARK WB AIRPORT R | 1.87 || T | .06 | T ||||||||||||| T || .68 ||||| 1.13 | T |||||||
| NEW MILFORD | 1.10 ||||||||||||||||||| .90 ||||| .20 ||||||||
| NEWTON | 1.92 |||| .41 |||||||||||||||| .15 ||||| 1.36 |||||||
| OAK RIDGE RESERVOIR | 1.36 |||| .42 |||||||||||||||| .12 ||||| .82 |||||||
| PATERSON | 1.23 ||| T |||| T |||| .17 ||||||| .37 || .42 ||||| .27 |||||||
| PHILLIPSBURG | 1.12 |||| .47 |||||||||||||| .03 | .18 | .15 |||| .24 | .05 |||||||
| PHILLIPSBURG BRIDGE | 3.00 |||| 1.00 |||||||||||||||||||| 2.00 ||||||||
| PLAINFIELD | 2.07 ||| .07 | .01 | T ||||| .05 ||||||||| .41 | .18 |||| 1.35 | T |||||||
| POTTERSVILLE 2 NNW | .39 |||| .22 |||||||||||||||| .05 ||||| .12 |||||||
| RAHWAY | 2.91 || .02 | .07 | .03 ||||||||||||||| .09 ||||| 2.70 ||||||||
| RINGWOOD | .73 |||| .27 |||||||||||||||| .46 ||||||||||||
| SOMERVILLE | 2.17 ||| T | .07 ||||||||||||||| 1.32 ||||| .78 ||||||||
| SPLIT ROCK POND | 1.98 |||| .33 |||||||||||||||| .70 ||||| .95 |||||||
| SUSSEX 1 SE | .94 ||| .02 | .78 | .01 ||||||||||||||| .07 ||||| .06 |||||||
| WANAQUE RAYMOND DAM | .46 ||||| .12 ||||||||| T |||| .04 || T ||||| .30 |||||||
| WERTSVILLE | .74 ||| .06 | .04 | T || .02 ||| .02 | T ||||||||| .29 ||||| .31 | T ||||||
| WEST WHARTON | 1.89 ||| .75 | .09 |||||||||||||||| .28 ||||| .77 |||||||
| WOODCLIFF LAKE | 1.35 |||| .06 ||||||||||||||| .55 ||||| .74 ||||||||
| * * *<br>SOUTHERN 02 |||||||||||||||||||||||||||||||||
| ATLANTIC CITY WB AP | 1.75 || .20 | .05 | .01 || .20 |||| .20 ||||||||| T |||| .36 | .73 ||||||||
| AUDUBON | 2.31 || .25 | .22 ||| .14 |||| T |||| .20 || T || .08 ||||| 1.34 | .08 ||| T ||||
| BASS RIVER ST FOREST | 1.79 ||| .41 |||||||| .25 ||||||||| .32 ||||| .81 |||||||
| BELLEPLAIN ST FOREST | 2.05 ||| 1.17 | .12 || .59 | .10 ||| .07 ||||||||||||||||||||||
| BURLINGTON | 2.78 ||| .37 ||| .10 |||| T ||||||| .03 || .38 | .20 |||| .07 | 1.60 ||| .03 ||||
| CANTON | 2.83 ||| 1.21 | .11 ||| 1.47 || .01 ||||||||||| .03 ||||||||||||
| CHATSWORTH | 3.21 ||| .30 | .04 || .17 | .06 |||||||||| .41 ||| 1,03 ||||| 1.20 |||||||
| FORTESCUE | 1.96 ||| 1.20 | .13 ||| .40 ||| .23 ||||||||||||||||||||||
| FREEHOLD | 1.98 ||| .29 | .01 | T | .01 ||| T ||||||||||| .48 ||||| 1.19 | T ||||||
| GLASSBORO | 1.29 || .01 | .77 | .08 ||| .15 |||| T ||||||||||||| .28 ||||||||
| HAMMONTON 2 NNE | 3.46 ||| .79 | .17 ||| .09 |||| .02 ||||| 1.22 || .32 || .30 ||||| .55 |||||||
| HIGHTSTOWN 1 N | 2.14 ||| .44 ||| .01 |||| T ||||||||| .73 | .09 |||| .29 | .58 |||||||
| INDIAN MILLS 2 W | 4.44 ||| .85 | .06 || 1,13 |||| T ||||||| .08 || .91 | T ||||| 1.41 |||||||
| MAYS LANDING 1 W | 1.39 ||| .17 | .10 | T || .60 ||| .02 | .07 |||||||||||||| .43 |||||||
| MILLVILLE | 1.59 ||| .45 | .18 | T || .47 ||| .35 | .05 |||||||||||||| .09 |||||||
| MILLVILLE FAA AIRPORT | .93 || .28 | .19 | .01 || .25 |||| .20 ||||| T ||||||||| T | T ||| T ||||
| MOORESTOWN | 3.55 ||| .52 |||| .56 ||||||| T |||| T || .10 ||||| 2.37 |||| T |||
| NEW BRUNSWICK | .85 ||| .17 | .01 ||||||||||| T ||||| .10 ||||| .57 |||||||
| NEW MONMOUTH | 3.09 ||| .26 || .05 ||||||||||||| .06 || .21 |||| 1.95 | .56 |||||||
| PEMBERTON 3 E | 6.45 ||| .43 | .07 || .21 |||| T ||||||||| 2.60 |||||| 3.14 |||||||
| PENNSAUKEN | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PRINCETON WATER WORKS | 1.23 || .12 | .16 ||| .03 |||| .07 |||| T ||||| .41 ||||| .44 ||||||||
| SEABROOK FARMS | 4.23 ||| 1.26 | .12 | .09 || .77 ||| .01 ||||| 1.47 | .51 ||||||||||||||||
| SHILOH | 1.81 ||| .81 | .12 || .84 |||| .03 |||||||||| .01 |||||||| T ||||
| TOMS RIVER | 1.73 ||| .32 | .12 | .20 || .05 |||| .04 ||||||||| .26 ||||| .74 |||||||
| TRENTON WB CITY R | 2.35 || .19 | .18 ||| .06 |||| T |||| T | T |||| .41 ||||| 1.51 | T ||| T ||||
| TUCKERTON | 2.01 || T | .23 | .17 || .49 |||| .14 |||||||||| .05 ||| T || .93 |||||||
| WOODSTOWN | 1.70 ||| .77 | .07 || .09 |||| T ||||| .02 | T |||| .10 ||||| .65 |||||| T |
| * * *<br>COASTAL 03 |||||||||||||||||||||||||||||||||
| ATLANTIC CITY R | 1.26 || .29 | .12 | .06 || .63 |||| .12 |||||| .01 |||||||| .02 | .01 |||||||
| BELMAR 2 SW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CAPE MAY 3 W | - |||| .28 ||| 1.36 ||| .09 ||||||||| - | - | - | - | - | - | - |||||||
| LONG BRANCH 2 N | 1.59 ||| .23 | .02 ||||||||||||||| .15 | .27 |||| .73 | .19 |||||||

# SUPPLEMENTAL DATA

| Station | Wind (Speed - m.p.h.) | | | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | EASTERN STANDARD TIME | | | | Trace | .01–.09 | .10–.49 | .50–.99 | 1.00–1.99 | 2.00 and over | Total | | |
| | | | | | | | 1 AM | 7 AM | 1 PM | 7 PM | | | | | | | | | |
| ATLANTIC CITY WB AIRPORT | 19 | 2.6 | 8.2 | 32++ | 16 | 23 | 89 | 84 | 57 | 73 | 1 | 2 | 4 | 1 | 0 | 0 | 8 | 59 | 5.8 |
| ATLANTIC CITY ST. MARINA | - | - | - | 38 | NNW | 06+ | - | - | - | - | 0 | 4 | 3 | 1 | 0 | 0 | 8 | - | - |
| NEWARK WB AIRPORT | 21 | 4.1 | 9.5 | 23++ | 20 | 24+ | 72 | 71 | 50 | 58 | 4 | 1 | 0 | 1 | 1 | 0 | 7 | - | 5.3 |
| TRENTON WB CITY | - | - | - | 24 | NW | 24+ | - | - | - | - | 5 | 1 | 3 | 0 | 1 | 0 | 10 | 61 | 6.0 |

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1967-1968

NEW JERSEY

| Station | | JULY | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | | | | | 2.0 | 9.2 | 5.7 | .2 | 1.3 | | | | 18.4 |
| | 1 IN ON GD | | | | | 1 | 7 | 30 | | | | | | 38 |
| BERNARDSVILLE 2 E | SNOWFALL | | | | | T | - | - | - | 1.0 | | | | - |
| | 1 IN ON GD | | | | | | - | - | | 1 | | | | - |
| BLACKWELLS MILLS | SNOWFALL | | | | | T | - | 3.5 | T | .5 | | | | - |
| | 1 IN ON GD | | | | | | | - | | 1 | | | | - |
| BOONTON 1 SE | SNOWFALL | | | | | 1.5 | 7.5 | 7.5 | T | 1.0 | | | | 17.5 |
| | 1 IN ON GD | | | | | 1 | 3 | 4 | | 1 | | | | 9 |
| BOUND BROOK 2 W | SNOWFALL | | | | | T | - | 4.5 | | T | | | | - |
| | 1 IN ON GD | | | | | | 3 | 14 | | | | | | 17 |
| BRANCHVILLE | SNOWFALL | | | | | 2.0 | 10.5 | 7.0 | .5 | 2.5 | | | | 22.5 |
| | 1 IN ON GD | | | | | | 7 | 30 | 7 | 1 | | | | 45 |
| CANISTEAR RESERVOIR | SNOWFALL | | | | | 2.0 | 7.5 | 6.5 | .5 | 5.5 | | | | 22.0 |
| | 1 IN ON GD | | | | | 1 | 4 | 31 | 29 | 15 | | | | 80 |
| CANOE BROOK | SNOWFALL | | | | | T | - | 8.6 | T | 1.0 | | | | - |
| | 1 IN ON GD | | | | | | - | 16 | | 1 | | | | - |
| CEDAR GROVE | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 1 IN ON GD | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CHARLOTTEBURG | SNOWFALL | | | | | 1.5 | 8.8 | 9.2 | .8 | 5.5 | | | | 25.8 |
| | 1 IN ON GD | | | | | 1 | 6 | 30 | | 7 | | | | 44 |
| CLINTON | SNOWFALL | | | | | | - | 8.5 | .8 | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | | - | | | | - |
| ELIZABETH | SNOWFALL | | | | | 1.5 | - | 5.5 | - | 1.0 | | | | - |
| | 1 IN ON GD | | | | | 1 | - | 17 | - | 1 | | | | - |
| ESSEX FELLS SERV BLDG | SNOWFALL | | | | | - | 5.0 | 9.0 | | 2.0 | | | | - |
| | 1 IN ON GD | | | | | | 1 | - | | 1 | | | | - |
| FLEMINGTON 1 NE | SNOWFALL | | | | | T | 12.0 | 12.0 | .5 | 1.5 | | | | 26.0 |
| | 1 IN ON GD | | | | | | 6 | 19 | 5 | | | | | 30 |
| GREENWOOD LAKE | SNOWFALL | | | | | 1.7 | 11.0 | 7.5 | .6 | 6.1 | | | | 26.9 |
| | 1 IN ON GD | | | | | 1 | 5 | 30 | 2 | 7 | | | | 45 |
| HIGH POINT PARK | SNOWFALL | | | | | 3.3 | 10.2 | - | .5 | 7.0 | | | | - |
| | 1 IN ON GD | | | | | 4 | 9 | - | 1 | 4 | | | | - |
| JERSEY CITY | SNOWFALL | | | | | | - | - | T | 5.0 | | | | - |
| | 1 IN ON GD | | | | | | - | - | | - | | | | - |
| LAMBERTVILLE | SNOWFALL | | | | | 4.0 | 4.0 | 4.0 | .5 | .5 | | | | 13.0 |
| | 1 IN ON GD | | | | | 1 | 3 | 15 | | | | | | 19 |
| LAYTON 2 | SNOWFALL | | | | | 2.3 | 9.3 | 7.1 | 1.1 | 1.3 | | | | 21.1 |
| | 1 IN ON GD | | | | | 1 | 9 | 31 | 19 | 1 | | | | 61 |
| LITTLE FALLS | SNOWFALL | | | | | T | 6.5 | 8.3 | .2 | 1.8 | | | | 16.8 |
| | 1 IN ON GD | | | | | | 6 | 21 | | 2 | | | | 29 |
| LONG VALLEY | SNOWFALL | | | | | 2.0 | 6.0 | 12.0 | 1.0 | T | | | | 21.0 |
| | 1 IN ON GD | | | | | | 2 | - | | | | | | - |
| MAHWAH | SNOWFALL | | | | | 1.0 | 5.0 | 10.0 | T | 4.0 | | | | 20.0 |
| | 1 IN ON GD | | | | | 1 | 2 | - | | 2 | | | | - |
| MANVILLE | SNOWFALL | | | | - | - | - | - | - | - | - | - | - | - |
| | 1 IN ON GD | | | | - | - | - | - | - | - | - | - | - | - |
| MIDLAND PARK | SNOWFALL | | | | | - | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | - | - | - | - | - | | | | - |
| MILTON | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | | | | | | - |
| MORRIS PLAINS 1 W | SNOWFALL | | | | | 1.5 | 7.0 | 10.3 | .2 | 1.0 | | | | 20.0 |
| | 1 IN ON GD | | | | | | 5 | 23 | 1 | | | | | 29 |

See Reference Notes Following Station Index

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1967-1968

NEW JERSEY

| Station | | JULY | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEWARK WB AIRPORT | SNOWFALL | | | | | 3.1 | 3.9 | 4.6 | .6 | 1.7 | | | | 13.9 |
| | 1 IN ON GD | | | | | | 2 | 14 | | 1 | | | | 17 |
| NEW MILFORD | SNOWFALL | | | | | T | - | - | - | T | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | | | | | - |
| NEWTON | SNOWFALL | | | | | 2.0 | 9.8 | 8.1 | 1.0 | 2.0 | | | | 22.9 |
| | 1 IN ON GD | | | | | 1 | 6 | 30 | 1 | 1 | | | | 39 |
| OAK RIDGE RESERVOIR | SNOWFALL | | | | | 2.1 | 10.0 | 8.9 | 1.6 | 5.0 | | | | 27.6 |
| | 1 IN ON GD | | | | | 1 | 6 | 30 | 23 | 7 | | | | 67 |
| OLDWICK | SNOWFALL | | | | | 1.0 | - | 7.3 | - | - | - | - | - | - |
| | 1 IN ON GD | | | | | | - | - | - | - | - | - | - | - |
| PATERSON | SNOWFALL | | | | | T | 6.7 | 9.2 | T | .5 | | | | 16.4 |
| | 1 IN ON GD | | | | | | 5 | - | | | | | | - |
| PHILLIPSBURG | SNOWFALL | | | | | 3.5 | 5.3 | 6.0 | T | T | | | | 14.8 |
| | 1 IN ON GD | | | | | 1 | 4 | 17 | | | | | | 22 |
| PHILLIPSBURG BRIDGE | SNOWFALL | | | | | - | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | | | | | - |
| PLAINFIELD | SNOWFALL | | | | | 4.3 | 4.0 | 6.7 | .2 | 1.3 | | | | 16.5 |
| | 1 IN ON GD | | | | | - | 6 | 20 | | | | | | - |
| POTTERSVILLE 2 NNW | SNOWFALL | - | - | - | - | - | - | - | - | - | - | | | - |
| | 1 IN ON GD | - | - | - | - | - | - | - | - | | - | | | |
| RAHWAY | SNOWFALL | | | | | 3.1 | 3.9 | 4.1 | .3 | 1.3 | | | | 12.7 |
| | 1 IN ON GD | | | | | 1 | 4 | 13 | | 1 | | | | 19 |
| RINGWOOD | SNOWFALL | | | | | .2 | 8.0 | - | T | T | | | | - |
| | 1 IN ON GD | | | | | | 6 | - | | | | | | - |
| SOMERVILLE | SNOWFALL | | | | | 3.0 | 3.5 | 5.1 | T | T | | | | 11.6 |
| | 1 IN ON GD | | | | | - | 2 | 17 | | | | | | - |
| SPLIT ROCK POND | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | | | | | | - |
| SUSSEX 1 SE | SNOWFALL | | | | | 3.2 | 11.8 | 8.4 | - | 1.5 | | | | - |
| | 1 IN ON GD | | | | | 1 | 7 | 29 | - | | | | | - |
| WANAQUE RAYMOND DAM | SNOWFALL | | | | | .3 | 7.3 | 8.8 | T | 2.0 | | | | 18.4 |
| | 1 IN ON GD | | | | | | 5 | 18 | | 1 | | | | 24 |
| WERTSVILLE | SNOWFALL | | | | | | - | - | T | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | | | | | | - |
| WEST WHARTON | SNOWFALL | | | | | .3 | 6.0 | 9.6 | - | 3.0 | | | | - |
| | 1 IN ON GD | | | | | | 7 | 27 | | 4 | | | | 38 |
| WOODCLIFF LAKE | SNOWFALL | | | | | T | - | - | - | T | | | | - |
| | 1 IN ON GD | | | | | | - | - | | | | | | - |
| * * * | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | SNOWFALL | | | | | 7.8 | 3.9 | .8 | 4.2 | 1.8 | | | | 18.5 |
| | 1 IN ON GD | | | | | | 4 | 3 | 2 | 2 | | | | 11 |
| AUDUBON | SNOWFALL | | | | | 7.0 | 5.0 | 2.5 | 1.0 | 2.0 | | | | 17.5 |
| | 1 IN ON GD | | | | | 1 | 3 | 13 | 1 | | | | | 18 |
| BASS RIVER ST FOREST | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| BELLEPLAIN ST FOREST | SNOWFALL | | | | | 6.8 | 5.8 | 3.5 | - | 6.0 | | | | - |
| | 1 IN ON GD | | | | | 1 | 5 | 7 | | 3 | | | | 16 |
| BURLINGTON | SNOWFALL | | | | | 4.0 | 2.5 | - | - | T | | | | - |
| | 1 IN ON GD | | | | | | 3 | 13 | - | | | | | - |
| CANTON | SNOWFALL | | | | | | - | 3.0 | T | 1.0 | | | | - |
| | 1 IN ON GD | | | | | | - | 1 | | - | | | | - |
| CHATSWORTH | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |

See Reference Notes Following Station Index

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1967-1968

NEW JERSEY

| Station | | JULY | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FORTESCUE | SNOWFALL | | | | | | - | - | | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | | - | | | | - |
| FREEHOLD | SNOWFALL | | | | | T | 9.1 | 6.0 | .5 | T | | | | 15.6 |
| | 1 IN ON GD | | | | | | | - | | | | | | - |
| GLASSBORO | SNOWFALL | | | | | | - | 3.1 | .2 | 8.0 | | | | - |
| | 1 IN ON GD | | | | | | - | | | 1 | | | | - |
| HAMMONTON 2 NNE | SNOWFALL | | | | | | 6.0 | - | .5 | 5.0 | | | | - |
| | 1 IN ON GD | | | | | | | - | | - | | | | - |
| HIGHTSTOWN 1 N | SNOWFALL | | | | | 5.5 | 6.0 | 5.3 | 1.0 | 4.3 | | | | 22.1 |
| | 1 IN ON GD | | | | | 1 | 5 | 14 | 1 | 1 | | | | 22 |
| INDIAN MILLS 2 W | SNOWFALL | | | | | 6.5 | 5.4 | 1.6 | 2.4 | 3.5 | | | | 19.4 |
| | 1 IN ON GD | | | | | 1 | 5 | 13 | | 3 | | | | 22 |
| MAYS LANDING 1 W | SNOWFALL | | | | | | 13.2 | 4.0 | 1.3 | 6.0 | | | | 24.5 |
| | 1 IN ON GD | | | | | | 5 | 4 | 2 | 5 | | | | 16 |
| MILLVILLE | SNOWFALL | | | | | 7.0 | 7.5 | - | - | - | | | | - |
| | 1 IN ON GD | | | | | - | - | - | - | - | | | | - |
| MILLVILLE FAA AIRPORT | SNOWFALL | | | | | 6.0 | 6.0 | .1 | 3.4 | 1.4 | | | | 16.9 |
| | 1 IN ON GD | | | | | | 5 | 11 | 1 | 3 | | | | 20 |
| MOORESTOWN | SNOWFALL | | | | | T | - | 4.4 | T | 4.0 | | | | - |
| | 1 IN ON GD | | | | | | 1 | 3 | | 1 | | | | 5 |
| NEW BRUNSWICK EXP STA | SNOWFALL | | | | | 3.0 | 6.5 | 4.0 | T | 3.0 | | | | 16.5 |
| | 1 IN ON GD | | | | | 1 | 4 | 13 | | 2 | | | | 20 |
| NEW MONMOUTH | SNOWFALL | | | | | 2.0 | 12.1 | 6.6 | T | 2.8 | | | | 23.5 |
| | 1 IN ON GD | | | | | 1 | 3 | 3 | | 2 | | | | 9 |
| PEMBERTON 3 E | SNOWFALL | | | | | 7.0 | 6.5 | 3.0 | 1.5 | 6.5 | | | | 24.5 |
| | 1 IN ON GD | | | | | | 7 | 13 | 1 | 2 | | | | 23 |
| PENNSAUKEN | SNOWFALL | | | | | | 6.0 | 4.2 | T | T | | | | 10.2 |
| | 1 IN ON GD | | | | | | - | 13 | | | | | | - |
| PRINCETON WATER WORKS | SNOWFALL | | | | | T | - | - | - | T | | | | - |
| | 1 IN ON GD | | | | | | - | - | | | | | | - |
| SEABROOK FARMS | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | | - | | | | - |
| SHILOH | SNOWFALL | | | | | - | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | - | - | - | - | - | | | | - |
| TOMS RIVER | SNOWFALL | | | | | | 6.0 | 4.2 | .5 | 3.0 | | | | 13.7 |
| | 1 IN ON GD | | | | | | - | - | | 1 | | | | - |
| TRENTON WB CITY | SNOWFALL | | | | | 6.3 | 5.0 | 1.9 | 2.4 | 1.2 | | | | 16.8 |
| | 1 IN ON GD | | | | | | 4 | 13 | | | | | | 17 |
| TUCKERTON | SNOWFALL | | | | | 6.6 | 7.8 | 1.2 | 2.4 | 6.7 | | | | 24.7 |
| | 1 IN ON GD | | | | | 1 | 6 | 13 | | 4 | | | | 24 |
| WOODSTOWN | SNOWFALL | | | | | 4.0 | 3.0 | 2.0 | 5.0 | 2.5 | | | | 16.5 |
| | 1 IN ON GD | | | | | 1 | 5 | 13 | 3 | 1 | | | | 23 |
| * * * | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | |
| ATLANTIC CITY | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 1 IN ON GD | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BELMAR 2 SW | SNOWFALL | | | | - | - | - | - | - | - | - | - | - | - |
| | 1 IN ON GD | | | | - | - | - | - | - | - | - | - | - | - |
| CAPE MAY 3 W | SNOWFALL | | | | | 3.0 | 4.0 | 1.0 | 1.0 | 4.0 | | | | 13.0 |
| | 1 IN ON GD | | | | | 1 | 2 | 3 | 1 | 2 | | | | 9 |
| LONG BRANCH 2 N | SNOWFALL | | | | | 2.8 | 4.9 | 5.5 | .9 | 6.6 | | | | 20.7 |
| | 1 IN ON GD | | | | | 1 | 5 | 13 | 2 | 5 | | | | 26 |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

NEW JERSEY
JULY 1968

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 92 | 94 | 89 | 78 | 74 | 79 | 81 | 83 | 85 | 84 | 81 | 76 | 82 | 87 | 85 | 88 | 90 | 94 | 92 | 84 | 82 | 87 | 85 | 91 | 82 | 80 | 80 | 85 | 85 | 80 | 81 | 84.4 |
| | MIN | 65 | 70 | 65 | 58 | 52 | 54 | 49 | 55 | 55 | 63 | 65 | 66 | 63 | 65 | 69 | 69 | 68 | 71 | 73 | 62 | 54 | 55 | 60 | 64 | 66 | 57 | 60 | 59 | 51 | 49 | 53 | 60.8 |
| BOONTON 1 SE | MAX | 91 | 93 | 90 | 78 | 76 | 82 | 80 | 80 | 85 | 83 | 83 | 79 | 84 | 89 | 84 | 87 | 92 | 95 | 90 | 86 | 81 | 87 | 86 | 90 | 86 | 85 | 86 | 82 | 86 | 79 | 81 | 85.0 |
| | MIN | 66 | 69 | 68 | 58 | 55 | 55 | 52 | 54 | 60 | 61 | 64 | 66 | 62 | 62 | 67 | 68 | 72 | 71 | 70 | 66 | 55 | 59 | 67 | 63 | 68 | 57 | 56 | 64 | 57 | 48 | 56 | 61.8 |
| CANOE BROOK | MAX | 93 | 95 | 91 | 80 | 74 | 81 | 84 | 90 | 88 | 84 | 82 | 78 | 86 | 92 | 88 | 90 | 96 | 98 | 92 | 90 | 84 | 86 | 88 | 92 | 89 | 84 | 85 | 84 | 79 | 81 | 82 | 86.6 |
| | MIN | 67 | 70 | 68 | 60 | 58 | 59 | 48 | 55 | 62 | 61 | 63 | 65 | 64 | 64 | 64 | 69 | 68 | 71 | 71 | 66 | 66 | 60 | 70 | 64 | 69 | 58 | 58 | 62 | 55 | 51 | 59 | 62.7 |
| CHARLOTTEBURG | MAX | 89 | 92 | 87 | 79 | 74 | 80 | 79 | 78 | 84 | 82 | 80 | 76 | 82 | 87 | 85 | 82 | 92 | 95 | 90 | 85 | 85 | 85 | 85 | 89 | 79 | 81 | 85 | 80 | 84 | 77 | 79 | 85.3 |
| | MIN | 70 | 73 | 66 | 56 | 52 | 54 | 49 | 52 | 55 | 59 | 63 | 65 | 63 | 62 | 64 | 67 | 70 | 68 | 71 | 65 | 54 | 56 | 61 | 65 | 63 | 57 | 55 | 61 | 50 | 47 | 49 | 59.9 |
| ELIZABETH | MAX | | | | | 83 | 84 | 84 | 87 | 86 | 83 | 79 | 85 | 90 | 86 | 89 | 96 | 96 | 94 | 90 | 87 | 88 | 89 | 94 | 90 | 82 | 85 | 85 | 87 | 86 | 81 | 82 | 87.0 |
| | MIN | 70 | 73 | 69 | 62 | 59 | 63 | 55 | 57 | 57 | 56 | 61 | 56 | 66 | 66 | 67 | 71 | 74 | 74 | 70 | 65 | 58 | 56 | 72 | 68 | 70 | 62 | 61 | 67 | 56 | 55 | 65 | 65.9 |
| ESSEX FELLS SERV BLDG | MAX | 93 | 92 | 88 | 80 | 76 | 83 | 83 | 84 | 87 | 88 | 82 | 78 | 86 | 93 | 99 | 100 | 96 | 96 | 90 | 88 | 85 | 87 | 88 | 91 | 84 | 82 | 82 | 80 | 86 | 82 | 80 | 86.7 |
| | MIN | 70 | 67 | 60 | 60 | 58 | 60 | 60 | 67 | 60 | 64 | 64 | 64 | 60 | 60 | 70 | 72 | 71 | 71 | 70 | 62 | 60 | 60 | 59 | 62 | 66 | 58 | 57 | 57 | 52 | 50 | 52 | 62.0 |
| FLEMINGTON 1 NE | MAX | 93 | 95 | 90 | 80 | 75 | 81 | 81 | 82 | 87 | 86 | 82 | 80 | 86 | 90 | 87 | 90 | 95 | 98 | 95 | 90 | 84 | 87 | 89 | 92 | 82 | 81 | 88 | 86 | 89 | 82 | 85 | 86.7 |
| | MIN | 66 | 70 | 68 | 63 | 52 | 52 | 46 | 48 | 54 | 61 | 61 | 61 | 62 | 62 | 66 | 68 | 68 | 70 | 69 | 63 | 55 | 54 | 56 | 65 | 66 | 59 | 55 | 55 | 48 | 44 | 48 | 59.1 |
| HIGH POINT PARK | MAX | 90 | 94 | 93 | 77 | 77 | 83 | 82 | 82 | 84 | 84 | 71 | 73 | 82 | 85 | 85 | 91 | 92 | 95 | 89 | 84 | 80 | 85 | 82 | 90 | 76 | 79 | 81 | 79 | 77 | 82 | 79 | 85.5 |
| | MIN | 60 | 60 | 60 | 52 | 54 | 55 | 54 | 52 | 56 | 61 | 61 | 57 | 59 | 65 | 66 | 67 | 68 | 69 | 69 | 59 | 55 | 60 | 65 | 65 | 62 | 54 | 62 | 61 | 56 | 51 | 58 | 59.6 |
| JERSEY CITY | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAMBERTVILLE | MAX | 96 | 94 | 87 | 78 | 82 | 84 | 83 | 89 | 87 | 85 | 82 | 88 | 91 | 89 | 91 | 96 | 98 | 95 | 92 | 86 | 88 | 89 | 94 | 92 | 79 | 87 | 85 | 91 | 88 | 86 | 86 | 88.5 |
| | MIN | 67 | 71 | 68 | 64 | 55 | 58 | 48 | 55 | 64 | 65 | 62 | 63 | 64 | 67 | 70 | 70 | 71 | 72 | 74 | 65 | 55 | 60 | 72 | 68 | 72 | 60 | 59 | 70 | 52 | 51 | 60 | 65.5 |
| LAYTON 2 | MAX | 91 | 95 | 90 | 79 | 76 | 79 | 79 | 81 | 85 | 84 | 84 | 79 | 84 | 89 | 88 | 87 | 93 | 95 | 93 | 88 | 81 | 86 | 86 | 90 | 75 | 80 | 85 | 80 | 85 | 77 | 81 | 84.6 |
| | MIN | 64 | 64 | 63 | 58 | 48 | 51 | 45 | 51 | 55 | 59 | 62 | 63 | 63 | 64 | 66 | 68 | 67 | 67 | 70 | 61 | 51 | 57 | 60 | 58 | 62 | 55 | 56 | 58 | 47 | 45 | 50 | 58.3 |
| LITTLE FALLS | MAX | 96 | 99 | 94 | 81 | 77 | 85 | 83 | 84 | 89 | 89 | 85 | 89 | 87 | 92 | 90 | 92 | 98 | 98 | 95 | 91 | 87 | 90 | 90 | 94 | 86 | 85 | 87 | 86 | 90 | 81 | 85 | 88.8 |
| | MIN | 69 | 75 | 71 | 59 | 60 | 61 | 53 | 58 | 62 | 66 | 68 | 66 | 66 | 68 | 70 | 70 | 74 | 74 | 73 | 65 | 61 | 62 | 75 | 65 | 69 | 60 | 61 | 65 | 55 | 54 | 60 | 64.9 |
| LONG VALLEY | MAX | 91 | 93 | 88 | 77 | 75 | 80 | 80 | 80 | 85 | 82 | 80 | 75 | 82 | 87 | 85 | 87 | 91 | 94 | 90 | 85 | 85 | 86 | 85 | 90 | 85 | 80 | 84 | 80 | 85 | 79 | 80 | 85.9 |
| | MIN | 63 | 63 | 65 | 56 | 49 | 48 | 47 | 49 | 49 | 57 | 59 | 58 | 58 | 58 | 60 | 66 | 64 | 65 | 65 | 60 | 55 | 55 | 52 | 59 | 58 | 59 | 55 | 53 | 49 | 44 | 44 | 56.0 |
| MORRIS PLAINS 1 W | MAX | 92 | 95 | 90 | 79 | 74 | 81 | 81 | 81 | 87 | 85 | 80 | 78 | 84 | 89 | 85 | 89 | 93 | 96 | 92 | 88 | 83 | 87 | 87 | 90 | 87 | 83 | 84 | 82 | 86 | 79 | 80 | 85.4 |
| | MIN | 67 | 69 | 69 | 60 | 54 | 55 | 56 | 53 | 59 | 61 | 63 | 64 | 63 | 63 | 65 | 68 | 71 | 71 | 69 | 65 | 57 | 59 | 59 | 62 | 64 | 62 | 57 | 58 | 53 | 49 | 52 | 61.2 |
| NEWARK WB AIRPORT | MAX | 98 | 93 | 79 | 74 | 81 | 81 | 85 | 86 | 88 | 84 | 81 | 88 | 91 | 89 | 89 | 98 | 97 | 93 | 90 | 88 | 89 | 89 | 95 | 91 | 85 | 85 | 83 | 89 | 82 | 79 | 81 | 87.1 |
| | MIN | 74 | 76 | 69 | 62 | 61 | 65 | 61 | 63 | 68 | 71 | 69 | 70 | 70 | 71 | 73 | 75 | 80 | 78 | 72 | 69 | 67 | 68 | 74 | 73 | 72 | 69 | 67 | 69 | 60 | 62 | 68 | 69.2 |
| NEWTON | MAX | 93 | 96 | 92 | 78 | 76 | 82 | 80 | 82 | 88 | 87 | 83 | 77 | 85 | 91 | 89 | 90 | 94 | 97 | 95 | 88 | 83 | 87 | 89 | 91 | 85 | 85 | 85 | 85 | 86 | 79 | 82 | 86.3 |
| | MIN | 62 | 66 | 65 | 55 | 48 | 49 | 45 | 45 | 60 | 58 | 64 | 63 | 59 | 66 | 59 | 63 | 65 | 66 | 68 | 60 | 49 | 48 | 65 | 58 | 64 | 55 | 55 | 55 | 46 | 43 | 54 | 57.5 |
| PATERSON | MAX | 96 | 100 | 93 | 81 | 74 | 84 | 78 | 85 | 90 | 81 | 84 | 81 | 92 | 93 | 89 | 90 | 98 | 97 | 94 | 92 | 87 | 90 | 94 | 94 | 88 | 85 | 86 | 87 | 87 | 82 | 86 | 88.5 |
| | MIN | 74 | 76 | 69 | 60 | 59 | 61 | 56 | 62 | 66 | 63 | 69 | 74 | 68 | 74 | 72 | 74 | 77 | 77 | 74 | 67 | 61 | 65 | 74 | 70 | 71 | 64 | 63 | 69 | 60 | 56 | 63 | 67.4 |
| PHILLIPSBURG | MAX | 95 | 95 | 91 | 81 | 81 | 83 | 82 | 88 | 88 | 86 | 85 | 85 | 90 | 90 | 91 | 94 | 97 | 96 | 96 | 85 | 87 | 89 | 92 | 95 | 82 | 87 | 87 | 88 | 85 | 84 | 86 | 88.5 |
| | MIN | 66 | 68 | 67 | 59 | 52 | 55 | 48 | 54 | 63 | 62 | 63 | 66 | 62 | 60 | 68 | 68 | 69 | 71 | 73 | 63 | 54 | 57 | 71 | 65 | 70 | 59 | 59 | 66 | 51 | 49 | 60 | 61.9 |
| PLAINFIELD | MAX | 97 | 93 | 81 | 74 | 84 | 83 | 85 | 87 | 87 | 83 | 80 | 86 | 90 | 88 | 89 | 97 | 98 | 95 | 91 | 87 | 89 | 89 | 94 | 89 | 82 | 86 | 85 | 88 | 83 | 81 | 82 | 87.1 |
| | MIN | 69 | 71 | 68 | 62 | 59 | 61 | 50 | 55 | 61 | 64 | 62 | 64 | 65 | 65 | 68 | 70 | 72 | 73 | 71 | 64 | 57 | 61 | 70 | 67 | 71 | 62 | 59 | 67 | 54 | 52 | 62 | 65.7 |
| SOMERVILLE | MAX | 96 | 92 | 81 | 78 | 82 | 82 | 83 | 87 | 87 | 84 | 80 | 86 | 90 | 88 | 90 | 95 | 98 | 94 | 90 | 86 | 88 | 89 | 92 | 90 | 82 | 87 | 85 | 88 | 85 | 85 | 84 | 87.2 |
| | MIN | 67 | 70 | 68 | 61 | 57 | 55 | 50 | 54 | 62 | 64 | 62 | 65 | 63 | 65 | 68 | 69 | 71 | 73 | 68 | 62 | 56 | 59 | 71 | 63 | 70 | 60 | 58 | 67 | 55 | 51 | 60 | 62.6 |
| SUSSEX 1 SE | MAX | 92 | 94 | 89 | 82 | 73 | 78 | 80 | 79 | 85 | 84 | 83 | 78 | 82 | 90 | | 89 | 90 | 95 | 92 | 87 | 85 | 86 | 86 | 90 | 79 | 85 | 84 | 81 | 87 | 78 | 80 | 84.6 |
| | MIN | 62 | 64 | 62 | 54 | 48 | 50 | 44 | 49 | 54 | 57 | 57 | 61 | 59 | 60 | | 64 | 65 | 66 | 67 | 57 | 47 | 52 | 57 | 56 | 60 | 50 | 55 | 53 | 50 | 42 | 47 | 55.6 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 99 | 97 | 79 | 72 | 79 | 81 | 77 | 85 | 81 | 75 | 76 | 79 | 84 | 84 | 86 | 96 | 95 | 93 | 89 | 85 | 84 | 87 | 92 | 95 | 86 | 80 | 81 | 89 | 81 | 81 | 82 | 84.8 |
| | MIN | 70 | 70 | 67 | 62 | 57 | 54 | 54 | 55 | 66 | 65 | 61 | 59 | 60 | 67 | 74 | 72 | 76 | 72 | 70 | 62 | 58 | 58 | 72 | 71 | 72 | 60 | 57 | 63 | 56 | 53 | 57 | 65.5 |
| AUDUBON | MAX | 97 | 95 | 81 | 75 | 83 | 83 | 83 | 88 | 88 | 85 | 82 | 87 | 91 | 89 | 88 | 94 | 97 | 95 | 92 | 88 | 90 | 90 | 95 | 96 | 82 | 86 | 86 | 88 | 83 | 87 | 86 | 88.1 |
| | MIN | 72 | 70 | 69 | 65 | 63 | 60 | 53 | 59 | 65 | 65 | 63 | 62 | 66 | 70 | 71 | 72 | 75 | 74 | 73 | 69 | 61 | 65 | 72 | 71 | 72 | 66 | 61 | 72 | 58 | 56 | 62 | 66.1 |
| BELLEPLAIN ST FOREST | MAX | 97 | 95 | 95 | 77 | 77 | 82 | 88 | 86 | 85 | 81 | 77 | 81 | 85 | 85 | 85 | 94 | 95 | 94 | 92 | 90 | 89 | 86 | 91 | 95 | 91 | 85 | 84 | 90 | 88 | 85 | 82 | 87.5 |
| | MIN | 67 | 64 | 65 | 64 | 56 | 54 | 52 | 55 | 61 | 67 | 65 | 57 | 59 | 66 | 69 | 68 | 71 | 70 | 71 | 70 | 55 | 58 | 72 | 68 | 69 | 69 | 55 | 70 | 55 | 54 | 56 | 65.0 |
| BURLINGTON | MAX | 102 | 100 | 90 | 77 | 83 | 81 | 84 | 94 | 89 | 87 | 81 | 88 | 87 | 89 | 91 | 96 | 94 | 96 | 94 | 94 | 89 | 90 | 97 | 97 | 84 | 86 | 86 | 91 | 89 | 88 | 86 | 89.7 |
| | MIN | 78 | 73 | 75 | 64 | 64 | 63 | 65 | 61 | 65 | 65 | 65 | 64 | 64 | 67 | 70 | 73 | 76 | 74 | 73 | 68 | 64 | 66 | 72 | 75 | 72 | 68 | 65 | 71 | 59 | 52 | 65 | 67.5 |
| CHATSWORTH | MAX | 97 | 96 | 95 | 74 | 81 | 81 | 80 | | 87 | 80 | | 84 | 88 | 85 | 87 | 96 | 95 | 92 | 91 | 85 | 87 | 86 | 93 | 93 | 83 | 82 | 85 | 88 | 88 | 82 | 82 | 86.9 |
| | MIN | 67 | 72 | 67 | 63 | 59 | 55 | 51 | 57 | 64 | 67 | 56 | 61 | 62 | 67 | 68 | 69 | 72 | 70 | 72 | 65 | 59 | 57 | 69 | 68 | 70 | 65 | 55 | 67 | 54 | 52 | 57 | 63.1 |
| FREEHOLD | MAX | 93 | 96 | 94 | 76 | 72 | 82 | 82 | 82 | 88 | 84 | 78 | 78 | 86 | 89 | 86 | 88 | 95 | 97 | 91 | 91 | 85 | 87 | 87 | 95 | 92 | 79 | 82 | 85 | 85 | 80 | 79 | 85.8 |
| | MIN | 71 | 72 | 67 | 62 | 57 | 60 | 50 | 57 | 63 | 66 | 59 | 61 | 62 | 67 | 69 | 69 | 72 | 70 | 72 | 64 | 57 | 62 | 69 | 68 | 69 | 65 | 57 | 67 | 54 | 53 | 60 | 65.5 |
| GLASSBORO | MAX | 96 | 97 | 96 | 78 | 81 | 76 | 76 | 78 | 86 | 85 | 83 | 81 | 86 | 88 | 87 | 89 | 94 | 96 | 95 | 87 | 85 | 86 | 90 | 95 | 94 | 86 | 87 | 88 | 90 | 84 | 85 | 87.5 |
| | MIN | 71 | 74 | 67 | 64 | 64 | 62 | 56 | 56 | 63 | 67 | 63 | 60 | 65 | 72 | 70 | 67 | 74 | 72 | 72 | 66 | 66 | 62 | 70 | 72 | 66 | 67 | 60 | 71 | 56 | 54 | 63 | 65.5 |
| HAMMONTON 2 NNE | MAX | 100 | 97 | 98 | 76 | 73 | 84 | 83 | 83 | 88 | 86 | 76 | 80 | 86 | 89 | 88 | 90 | 96 | 98 | 94 | 92 | 89 | 88 | 90 | 95 | 95 | 90 | 85 | 86 | 91 | 86 | 85 | 88.2 |
| | MIN | 74 | 70 | 68 | 63 | 61 | 60 | 54 | 58 | 64 | 68 | 64 | 60 | 64 | 68 | 70 | 70 | 73 | 72 | 73 | 67 | 61 | 63 | 71 | 72 | 71 | 66 | 59 | 67 | 58 | 56 | 68 | 65.6 |
| HIGHTSTOWN 1 N | MAX | 96 | 93 | 78 | 74 | 82 | 80 | 83 | 88 | 86 | 81 | 80 | 87 | 90 | 88 | 90 | 94 | 97 | 95 | 92 | 85 | 88 | 88 | 95 | 92 | 79 | 84 | 86 | 88 | 82 | 84 | 82 | 86.5 |
| | MIN | 71 | 72 | 68 | 63 | 59 | 61 | 49 | 57 | 63 | 65 | 60 | 62 | 63 | 68 | 67 | 70 | 71 | 70 | 70 | 64 | 57 | 61 | 70 | 68 | 71 | 62 | 58 | 58 | 53 | 51 | 58 | 63.2 |
| INDIAN MILLS 2 W | MAX | 97 | 96 | 75 | 73 | 82 | 81 | 80 | 85 | 84 | 79 | 81 | 84 | 90 | 86 | 89 | 94 | 97 | 92 | 90 | 84 | 87 | 87 | 94 | 94 | 82 | 85 | 85 | 88 | 81 | 84 | 82 | 86.0 |
| | MIN | 66 | 69 | 65 | 61 | 57 | 56 | 47 | 52 | 60 | 64 | 62 | 56 | 59 | 65 | 66 | 67 | 69 | 67 | 69 | 64 | 55 | 56 | 64 | 69 | 68 | 65 | 54 | 68 | 50 | 48 | 55 | 61.0 |
| MILLVILLE | MAX | 95 | 97 | 96 | 77 | 75 | 84 | 81 | 81 | 87 | 84 | 76 | 80 | 85 | 86 | 84 | 87 | 93 | 95 | 95 | 92 | 86 | 89 | 90 | 95 | 96 | 88 | 89 | 88 | 88 | 84 | 86 | 87.5 |
| | MIN | 69 | 68 | 66 | 64 | 59 | 60 | 53 | 57 | 64 | 62 | 65 | 60 | 62 | 69 | 71 | 71 | 74 | 74 | 73 | 69 | 57 | 62 | 71 | 71 | 71 | 69 | 59 | 58 | 58 | 55 | 60 | 64.5 |
| MILLVILLE FAA AIRPORT | MAX | 95 | 96 | 76 | 74 | 79 | 80 | 80 | 85 | 81 | 76 | 82 | 82 | 84 | 84 | 85 | 93 | 96 | 91 | 90 | 86 | 85 | 87 | 92 | 94 | 86 | 86 | 83 | 89 | 84 | 82 | 82 | 85.5 |
| | MIN | 72 | 69 | 66 | 64 | 60 | 61 | 57 | 59 | 65 | 67 | 64 | 62 | 64 | 70 | 71 | 70 | 75 | 75 | 72 | 67 | 65 | 62 | 74 | 72 | 75 | 64 | 61 | 70 | 61 | 56 | 62 | 66.1 |
| MOORESTOWN | MAX | 97 | 96 | 79 | 73 | 82 | 77 | 81 | 85 | 84 | 82 | 80 | 86 | 89 | 87 | 89 | 94 | 97 | 94 | 92 | 87 | 90 | 89 | 96 | 95 | 80 | 86 | 85 | 89 | 80 | 81 | 82 | 86.6 |
| | MIN | 70 | 75 | 68 | 63 | 61 | 60 | 50 | 52 | 65 | 67 | 61 | 60 | 63 | 70 | 69 | 72 | 73 | 72 | 74 | 67 | 69 | 64 | 72 | 73 | 72 | 65 | 65 | 70 | 55 | 52 | 69 | 65.7 |
| NEW MONMOUTH | MAX | 96 | 95 | 92 | 71 | 79 | 81 | 82 | 87 | 85 | 80 | 80 | 86 | 84 | 87 | 86 | 96 | 97 | 94 | 92 | 92 | 87 | 89 | 95 | 93 | 80 | 81 | 84 | 88 | 86 | 79 | 81 | 86.5 |
| | MIN | 76 | 76 | 65 | 63 | 58 | 63 | 57 | 61 | 63 | 66 | 61 | 64 | 64 | 64 | 64 | 72 | 74 | 71 | 72 | 68 | 61 | 63 | 71 | 63 | 71 | 64 | 61 | 67 | 57 | 54 | 62 | 65.0 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | MAX | 94 | 96 | 91 | 78 | 73 | 81 | 80 | 81 | 86 | 85 | 80 | 80 | 85 | 89 | 88 | 88 | 94 | 97 | 90 | 91 | 86 | 87 | 88 | 93 | 90 | 80 | 83 | 84 | 89 | 81 | 79 | 86.0 |
| | MIN | 72 | 74 | 68 | 63 | 61 | 63 | 54 | 57 | 64 | 65 | 63 | 65 | 65 | 67 | 68 | 70 | 74 | 73 | 72 | 65 | 69 | 68 | 70 | 68 | 70 | 64 | 60 | 68 | 57 | 54 | 62 | 65.6 |
| PEMBERTON 3 E | MAX | 97 | 95 | 89 | 73 | 83 | 74 | 82 | 86 | 85 | 79 | 78 | 86 | 88 | 86 | 90 | 95 | 98 | 98 | 92 | 85 | 87 | 88 | 93 | 93 | 81 | 83 | 83 | 88 | 81 | 83 | 82 | 86,5 |
| | MIN | 67 | 71 | 67 | 62 | 58 | 59 | 50 | 51 | 61 | 67 | 61 | 57 | 61 | 67 | 68 | 69 | 70 | 69 | 71 | 64 | 58 | 58 | 69 | 70 | 68 | 65 | 57 | 68 | 49 | 51 | 59 | 62,6 |
| SEABROOK FARMS | MAX | 95 | 95 | 94 | 75 | 75 | 81 | 81 | 81 | 85 | 85 | 80 | 81 | 82 | 86 | 83 | 85 | 91 | 94 | 91 | 90 | 84 | 86 | 87 | 91 | 94 | 85 | 85 | 85 | 88 | 81 | 84 | 85,8 |
| | MIN | 70 | 73 | 67 | 65 | 62 | 62 | 55 | 60 | 61 | 61 | 64 | 61 | 65 | 69 | 71 | 71 | 73 | 74 | 74 | 68 | 61 | 63 | 73 | 73 | 72 | 69 | 61 | 70 | 57 | 56 | 61 | 65,9 |
| SHILOH | MAX | 95 | 95 | 91 | 75 | 81 | 80 | 81 | 83 | 81 | 82 | 82 | 80 | 84 | 85 | 84 | 92 | 95 | 95 | 90 | 87 | 85 | 87 | 91 | 93 | 90 | 88 | 86 | 89 | 88 | 84 | 84 | 86,5 |
| | MIN | 71 | 73 | 66 | 64 | 61 | 61 | 56 | 60 | 65 | 69 | 63 | 61 | 63 | 68 | 71 | 70 | 74 | 73 | 73 | 66 | 60 | 60 | 71 | 71 | 71 | 67 | 62 | 72 | 58 | 58 | 62 | 65,8 |
| TOMS RIVER | MAX | 95 | 99 | 96 | 73 | 71 | 79 | 81 | 80 | 87 | 84 | 75 | 75 | 85 | 88 | 85 | 86 | 95 | 94 | 93 | 92 | 87 | 87 | 88 | 93 | 95 | 82 | 82 | 84 | 89 | 81 | 81 | 85,9 |
| | MIN | 68 | 73 | 67 | 63 | 59 | 56 | 50 | 55 | 62 | 69 | 60 | 59 | 61 | 64 | 68 | 68 | 70 | 71 | 72 | 67 | 56 | 60 | 69 | 70 | 70 | 66 | 57 | 68 | 53 | 52 | 57 | 63,2 |
| TRENTON WB CITY | MAX | 97 | 93 | 78 | 73 | 82 | 79 | 81 | 85 | 84 | 80 | 79 | 85 | 87 | 86 | 91 | 94 | 97 | 93 | 90 | 85 | 87 | 86 | 93 | 92 | 80 | 83 | 82 | 88 | 80 | 82 | 81 | 85,6 |
| | MIN | 74 | 72 | 68 | 66 | 61 | 64 | 58 | 64 | 67 | 67 | 66 | 66 | 68 | 69 | 71 | 73 | 76 | 75 | 72 | 67 | 64 | 69 | 72 | 72 | 72 | 67 | 65 | 69 | 62 | 61 | 65 | 67,8 |
| TUCKERTON | MAX | 98 | 96 | 83 | 71 | 77 | 80 | 76 | 82 | 80 | 74 | 75 | 81 | 85 | 81 | 84 | 96 | 94 | 92 | 89 | 84 | 84 | 84 | 93 | 93 | 86 | 80 | 80 | 90 | 86 | 81 | 81 | 84,4 |
| | MIN | 71 | 74 | 67 | 64 | 56 | 56 | 52 | 57 | 65 | 67 | 65 | 58 | 59 | 65 | 72 | 71 | 73 | 70 | 71 | 67 | 59 | 63 | 71 | 69 | 71 | 67 | 58 | 70 | 57 | 54 | 60 | 64,5 |
| WOODSTOWN | MAX | 96 | 97 | 87 | 77 | 84 | 82 | 83 | 87 | 85 | 85 | 81 | 86 | 89 | 86 | 88 | 95 | 97 | 94 | 93 | 86 | 89 | 89 | 94 | 95 | 92 | 87 | 86 | 91 | 89 | 86 | 84 | 88,4 |
| | MIN | 69 | 73 | 68 | 65 | 63 | 66 | 53 | 58 | 65 | 68 | 63 | 60 | 64 | 70 | 71 | 71 | 72 | 72 | 75 | 67 | 58 | 60 | 71 | 71 | 71 | 71 | 60 | 72 | 56 | 56 | 61 | 65,8 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 98 | 97 | 81 | 75 | 77 | 79 | 77 | 78 | 76 | 74 | 77 | 77 | 81 | 80 | 81 | 89 | 93 | 86 | 82 | 83 | 83 | 80 | 85 | 85 | 88 | 83 | 80 | 90 | 80 | 81 | 80 | 82,5 |
| | MIN | 76 | 71 | 70 | 69 | 64 | 61 | 62 | 65 | 70 | 69 | 68 | 69 | 69 | 73 | 75 | 75 | 78 | 77 | 74 | 71 | 67 | 71 | 74 | 73 | 73 | 72 | 71 | 71 | 65 | 64 | 74 | 70,4 |
| CAPE MAY 3 W | MAX | 94 | 97 | 95 | 80 | 78 | 83 | 80 | 80 | 80 | 80 | 80 | 79 | 83 | 82 | 85 | 90 | 94 | 93 | | | | | | | | 92 | 85 | 91 | 90 | 91 | 94 | 86.5 |
| | MIN | 72 | 74 | 74 | 66 | 61 | 65 | 61 | 67 | 68 | 70 | 67 | 65 | 65 | 70 | 72 | 72 | 75 | 74 | | | | | | | | 67 | 67 | 72 | 66 | 54 | 68 | 68.0 |
| LONG BRANCH 2 N | MAX | 95 | 93 | 88 | 71 | 76 | 81 | 78 | 81 | 80 | 78 | 75 | 83 | 83 | 79 | 81 | 94 | 93 | 90 | 88 | 86 | 86 | 84 | 90 | 88 | 80 | 81 | 79 | 87 | 86 | 79 | 79 | 83,6 |
| | MIN | 74 | 76 | 68 | 66 | 61 | 63 | 58 | 60 | 66 | 68 | 65 | 65 | 66 | 67 | 70 | 72 | 75 | 75 | 75 | 69 | 66 | 66 | 72 | 72 | 72 | 69 | 64 | 71 | 61 | 61 | 68 | 67,8 |

# EVAPORATION AND WIND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * *<br>NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | EVAP | .19 | .22 | .18 | .18 | .02 | .26 | .20 | .16 | .15 | .19 | .14 | .09 | .18 | .18 | .14 | .12 | .20 | .19 | .06 | .29 | .20 | .15 | .26 | .18 | .15 | .07 | .24 | .16 | .20 | .16 | .19 | 5.30 |
| | WIND | 19 | 20 | 2 | 6 | 26 | 15 | 9 | 12 | 15 | 19 | 22 | 10 | 19 | 8 | 8 | 8 | 12 | 9 | 14 | 11 | 23 | 12 | 19 | 9 | 10 | 12 | 13 | 10 | 19 | 16 | 22 | 429 |
| | MAX | 99 | 103 | 100 | 92 | 76 | 92 | 85 | 92 | 94 | 93 | 86 | 79 | 91 | 96 | 96 | 93 | 99 | 99 | 95 | 90 | 92 | 94 | 94 | 97 | 83 | 85 | 92 | 88 | 89 | 89 | 86 | 91,6 |
| | MIN | 57 | 76 | 71 | 53 | 63 | 65 | 46 | 47 | 62 | 70 | 71 | 68 | 70 | 62 | 72 | 74 | 75 | 76 | 76 | 69 | 65 | 63 | 68 | 72 | 72 | 68 | 67 | 68 | 62 | 60 | 61 | 66,1 |
| * * *<br>SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | EVAP | .34 | .27 | .35 | .15 | .10 | .29 | .13 | .20 | .29 | .28 | .11 | .12 | .35 | .22 | .16 | .18 | .38 | .22 | .10 | .28 | .29 | .29 | .31 | .30 | .26 | .13 | .22 | .30 | .31 | .30 | .23 | 7.46 |
| | WIND | 112 | 103 | 80 | 45 | 37 | 62 | 44 | 51 | 80 | 67 | 51 | 57 | 78 | 48 | 36 | 49 | 56 | 27 | 58 | 76 | 54 | 50 | 97 | 43 | 73 | 54 | 52 | 86 | 53 | 53 | 46 | 1848 |
| | MAX | 94 | 107 | 95 | 81 | 82 | 91 | 80 | 89 | 90 | 88 | 86 | 83 | 89 | 93 | 91 | 93 | 95 | 97 | 93 | 91 | 88 | 92 | 90 | 93 | 88 | 80 | 89 | 87 | 88 | 88 | 88 | 89.6 |
| | MIN | 70 | 74 | 68 | 65 | 64 | 65 | 56 | 56 | 67 | 68 | 67 | 68 | 67 | 70 | 71 | 71 | 72 | 75 | 74 | 67 | 61 | 65 | 67 | 71 | 71 | 67 | 65 | 69 | 61 | 59 | 58 | 66.7 |
| PEMBERTON 3 E | EVAP | .30 | .31 | .12 | .10 | .15 | .08 | .22 | .16 | .26 | .18 | .10 | .15 | .17 | .18 | .20 | .22 | .19 | .20 | .16 | .15 | .21 | .19 | .17 | .19 | .13 | .23 | .18 | .21 | .22 | .21 | .12 | 5.66 |
| | WIND | 11 | 9 | 14 | 15 | 6 | 8 | 6 | 11 | 26 | 37 | 16 | 12 | 13 | 14 | 20 | 12 | 8 | 6 | 48 | 14 | 9 | 9 | 17 | 14 | 12 | 26 | 11 | 10 | 9 | 18 | 21 | 462 |
| SEABROOK FARMS | EVAP | .22 | .40 | - | .05 | .08 | .11 | .45 | .24 | .27 | .25 | .17 | .21 | .27 | * | .47 | .19 | .21 | .26 | .30 | .26 | * | .53 | .33 | .23 | .34 | .17 | .30 | * | .53 | .26 | .23 | 7.578 |
| | WIND | 43 | 47 | 37 | 17 | 14 | 24 | 49 | 1 | 60 | 56 | 57 | 31 | 34 | * | 64 | 20 | 20 | 20 | 59 | 63 | * | 59 | 75 | 23 | 62 | 29 | 40 | * | 103 | 27 | 33 | 1167 |
| | MAX | 97 | 100 | 102 | 77 | 78 | 95 | 82 | 90 | 92 | 91 | 87 | 85 | 94 | - | 96 | 89 | 99 | 101 | 99 | 96 | - | 95 | 92 | 98 | 95 | 90 | 92 | - | 93 | 90 | 86 | 92.2 |
| | MIN | 71 | 74 | 69 | 67 | 74 | 66 | 60 | 63 | 65 | 68 | 67 | 66 | 67 | - | 69 | 73 | 74 | 77 | 74 | 70 | - | 65 | 68 | 73 | 73 | 70 | 65 | - | 64 | 62 | 62 | 68,4 |

# MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1967-1968

NEW JERSEY

| Station | JULY | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | TOTAL | NORMALS JULY-JUNE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | |
| BELVIDERE | 4 | 15 | 139 | 415 | 808 | 998 | 1350 | 1104 | 747 | 388 | 279 | 51 | 6298 | 5468 |
| BOONTON 1 SE | 4 | 11 | 127 | 413 | 778 | 970 | 1316 | 1127 | 779 | 415 | 268 | 50 | 6258 | 5868 |
| CANOE BROOK | 4 | 9 | | 376 | 742 | 976 | 1345 | 1120 | 763 | 394 | 260 | 43 | | 5847 |
| CHARLOTTEBURG | 11 | 16 | 157 | 446 | 845 | 1019 | 1355 | 1208 | 861 | 432 | 327 | 80 | 6757 | 6083 |
| ELIZABETH | 0 | 3 | 73 | 286 | 699 | 841 | 1161 | 1019 | 680 | 337 | 174 | 30 | 5303 | 4986 |
| ESSEX FELLS SERV BLDG | 5 | 3 | 123 | 406 | 784 | 978 | 1321 | 1132 | 762 | 363 | | | | |
| FLEMINGTON 1 NE | 3 | 12 | 148 | 421 | 800 | 1004 | 1323 | 1139 | 783 | 456 | 311 | 45 | 6445 | 5254 |
| HIGH POINT PARK | 24 | 63 | 212 | 491 | 903 | 1131 | 1513 | 1323 | 898 | 447 | 350 | 121 | 7476 | |
| JERSEY CITY | 0 | 3 | 66 | 295 | 683 | 832 | 1173 | 1037 | 685 | 332 | 194 | | | 5116 |
| LAMBERTVILLE | 0 | 6 | 77 | 306 | 724 | 898 | 1183 | 1019 | 643 | 347 | 196 | 12 | 5411 | 5246 |
| LAYTON 2 | 9 | 21 | 169 | 465 | 881 | 1081 | 1446 | 1220 | 836 | 449 | 334 | 92 | 7003 | |
| LITTLE FALLS | 0 | 4 | 83 | 340 | 720 | 892 | 1234 | 1057 | 696 | 294 | 210 | 26 | 5556 | 5337 |
| LONG VALLEY | 7 | 14 | 159 | 451 | 824 | 996 | 1334 | 1162 | 839 | 477 | 365 | 84 | 6712 | |
| MORRIS PLAINS 1 W | 10 | 17 | 129 | 437 | 811 | 1002 | 1330 | 1151 | 802 | 410 | 295 | 47 | 6441 | |
| NEWARK WB AIRPORT | 0 | 1 | 58 | 285 | 677 | 823 | 1148 | 1012 | 676 | 325 | 167 | 12 | 5184 | 4859 |
| NEWTON | 7 | 15 | 164 | 467 | 834 | 1032 | 1455 | 1192 | 803 | 428 | 316 | 72 | 6785 | 6163 |
| PATERSON | | | | | 690 | 857 | 1217 | 1043 | 698 | 314 | 180 | 25 | | 5203 |
| PHILLIPSBURG | 1 | 6 | 94 | 331 | 699 | 882 | 1212 | 1019 | 649 | 315 | 206 | 15 | 5429 | 5457 |
| PLAINFIELD | 0 | 5 | 91 | 329 | 739 | 900 | 1206 | 1043 | 662 | 333 | 208 | 10 | 5526 | 5219 |
| SOMERVILLE | 0 | 5 | 91 | 346 | 761 | 901 | 1202 | 1060 | 653 | 359 | 198 | 19 | 5595 | 5357 |
| SUSSEX 1 SE | 18 | 32 | 204 | 522 | 910 | 1091 | 1509 | 1247 | 868 | 505 | 388 | 92 | 7386 | 5984 |
| * * * | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 0 | 1 | 149 | 399 | 757 | 922 | 1195 | 1094 | 674 | 417 | 196 | 13 | 5817 | 4812 |
| AUDUBON | 0 | 0 | 66 | 283 | 667 | 822 | 1104 | 967 | 606 | 302 | 158 | 2 | 4977 | |
| PELLEPLAIN ST FOREST | 0 | 0 | 94 | 334 | 679 | 839 | 1076 | 1004 | 607 | 380 | 175 | 8 | 5196 | |
| BURLINGTON | 0 | 2 | 54 | 260 | 665 | 804 | 1126 | 971 | 611 | 272 | 140 | | | 4663 |
| CHATSWORTH | 0 | 1 | 93 | 340 | 728 | 922 | 1120 | 1065 | 648 | 403 | 193 | 10 | 5523 | |
| FREEHOLD | 1 | 0 | 93 | 327 | 697 | 888 | 1214 | 1066 | 738 | 375 | 234 | 23 | 5656 | 5103 |
| GLASSBORO | 0 | 2 | 78 | 334 | 669 | 855 | 1132 | 1072 | 679 | 346 | 182 | 20 | 5369 | |
| HAMMONTON 2 NNE | 1 | 1 | 77 | 327 | 662 | 825 | 1136 | 991 | 622 | 314 | 167 | 8 | 5131 | 4724 |
| HIGHTSTOWN 1 N | 0 | 1 | 97 | 336 | 721 | 870 | 1176 | 1030 | 660 | 346 | 213 | 15 | 5465 | 5163 |
| INDIAN MILLS 2 W | 2 | 4 | 118 | 392 | 757 | 913 | 1153 | 1058 | 674 | 388 | 233 | 15 | 5707 | 5035 |
| MILLVILLE | 1 | 2 | 86 | 340 | 692 | 863 | | | | 353 | 198 | | | |
| MILLVILLE FAA AIRPORT | 0 | 0 | 96 | 336 | 714 | 878 | 1131 | 1011 | 610 | 366 | 183 | 8 | 5333 | |
| MOORESTOWN | 0 | 1 | 109 | 344 | 718 | 904 | 1205 | 1024 | 659 | 364 | 218 | 7 | 5553 | 5070 |
| NEW BRUNSWICK EXP STA | 0 | 2 | 79 | 295 | 701 | 843 | 1156 | 1008 | 637 | 304 | 178 | 21 | 5224 | 5138 |
| NEW MONMOUTH | 0 | 0 | 63 | 305 | 656 | 806 | 1135 | 968 | 609 | 325 | 173 | 9 | 5049 | |
| PEMBERTON 3 E | 0 | 0 | 101 | 348 | 726 | 871 | 1135 | 1033 | 653 | 367 | 206 | 11 | 5451 | 4835 |
| SEABROOK FARMS | 0 | 3 | 83 | 338 | 685 | 869 | 1157 | 1014 | 643 | 337 | 183 | 9 | 5321 | |
| SHILOH | 0 | 0 | 75 | 280 | 661 | 827 | 1085 | 971 | 603 | 326 | 147 | 4 | 4979 | 4729 |
| TOMS RIVER | 2 | 0 | 102 | 368 | 704 | 860 | 1169 | 1052 | 703 | 404 | 227 | 15 | 5606 | |
| TRENTON WB CITY | 0 | 1 | 80 | 287 | 681 | 815 | 1130 | 994 | 614 | 298 | 181 | 8 | 5089 | 4980 |
| TUCKERTON | 0 | 0 | 94 | 323 | 703 | 843 | 1092 | 1035 | 679 | 435 | 201 | 11 | 5416 | |
| WOODSTOWN | 0 | 0 | 70 | 310 | 694 | 858 | 1106 | 1005 | 622 | 348 | 159 | 6 | 5178 | |
| * * * | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | |
| ATLANTIC CITY | 0 | 0 | 49 | 226 | 591 | 751 | 1016 | 937 | 618 | 371 | 156 | 1 | 4716 | 4684 |
| CAPE MAY 3 W | 0 | 0 | | 185 | 530 | | 1004 | 923 | 655 | 357 | 112 | | | |
| LONG BRANCH 2 N | 0 | 0 | 55 | 272 | 665 | 807 | 1119 | 1019 | 722 | 373 | 194 | 8 | 5234 | 5162 |

See Reference Notes Following Station Index

# DAILY SOIL TEMPERATURES

| Station | | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | INCH | MAX | 83 | 84 | 78 | 75 | 80 | 76 | 79 | 79 | 80 | 80 | 78 | 80 | 81 | 81 | 83 | 84 | 85 | 84 | 82 | 82 | 81 | 82 | 85 | 82 | 82 | 82 | 80 | 81 | 80 | - | 79 | 80.9 |
| | | MIN | 74 | 75 | 74 | 72 | 71 | 72 | 68 | 69 | 72 | 72 | 74 | 74 | 72 | 74 | 76 | 76 | 76 | 76 | 78 | 74 | 71 | 72 | 75 | 75 | 75 | 73 | 71 | 74 | 73 | - | 72 | 73.3 |
| 2 | INCHES | MAX | 82 | 82 | 77 | 75 | 79 | 76 | 77 | 77 | 78 | 79 | 77 | 78 | 80 | 80 | 81 | 83 | 83 | 83 | 81 | 84 | 81 | 80 | 83 | 80 | 80 | 81 | 79 | 80 | 79 | - | 78 | 77.8 |
| | | MIN | 73 | 74 | 74 | 73 | 70 | 71 | 68 | 69 | 71 | 72 | 72 | 74 | 72 | 73 | 74 | 76 | 76 | 76 | 77 | 75 | 72 | 71 | 75 | 74 | 74 | 74 | 73 | 73 | 72 | - | 71 | 73.0 |
| 4 | INCHES | MAX | 79 | 80 | 76 | 74 | 77 | 75 | 76 | 76 | 77 | 76 | 75 | 77 | 78 | 78 | 79 | 80 | 80 | 81 | 80 | 79 | 79 | 79 | 80 | 79 | 79 | 79 | 78 | 78 | 77 | - | 76 | 77.9 |
| | | MIN | 72 | 74 | 74 | 73 | 71 | 71 | 70 | 70 | 72 | 73 | 73 | 75 | 73 | 75 | 74 | 75 | 76 | 76 | 77 | 76 | 73 | 72 | 76 | 76 | 76 | 74 | 74 | 74 | 73 | - | 72 | 73.7 |
| 8 | INCHES | MAX | 75 | 76 | 75 | 74 | 74 | 73 | 73 | 74 | 74 | 74 | 73 | 74 | 75 | 75 | 76 | 77 | 78 | 77 | 77 | 76 | 76 | 76 | 76 | 77 | 77 | 76 | 77 | 76 | 75 | - | 75 | 75.4 |
| | | MIN | 73 | 74 | 72 | 73 | 73 | 73 | 70 | 71 | 72 | 72 | 72 | 73 | 73 | 74 | 74 | 75 | 76 | 76 | 76 | 75 | 74 | 73 | 75 | 76 | 76 | 75 | 74 | 74 | 73 | - | 73 | 73.7 |
| 16 | INCHES | MAX | 80 | 71 | 71 | 71 | 71 | 71 | 70 | 71 | 71 | 71 | 71 | 71 | 71 | 72 | 73 | 72 | 73 | 74 | 74 | 73 | 74 | 73 | 73 | 74 | 74 | 74 | 74 | 73 | 73 | - | 73 | 72.6 |
| | | MIN | 69 | 70 | 71 | 71 | 70 | 70 | 70 | 70 | 70 | 71 | 70 | 70 | 71 | 71 | 72 | 72 | 72 | 73 | 73 | 72 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 72 | - | 72 | 71.5 |
| 32 | INCHES | MAX | 66 | 66 | 67 | 67 | 67 | 68 | 68 | 67 | 68 | 68 | 68 | 68 | 68 | 68 | 69 | 69 | 69 | 70 | 70 | 70 | 70 | 70 | 70 | 71 | 71 | 71 | 71 | 61 | 60 | - | 61 | 67.9 |
| | | MIN | 65 | 66 | 66 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 68 | 68 | 68 | 68 | 68 | 69 | 69 | 69 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 60 | 59 | - | 60 | 67.4 |
| PLOT 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | INCH | MAX | 102 | 103 | 83 | 76 | 86 | 82 | 97 | 95 | 95 | 96 | 88 | 93 | 98 | 96 | 96 | 99 | 94 | 97 | 101 | 95 | 101 | 102 | 108 | 100 | 100 | 95 | 98 | 97 | 96 | - | 88 | 95.2 |
| | | MIN | 72 | 74 | 73 | 68 | 67 | 65 | 60 | 65 | 70 | 71 | 72 | 70 | 70 | 73 | 75 | 75 | 77 | 77 | 79 | 70 | 66 | 70 | 76 | 76 | 76 | 69 | 67 | 72 | 71 | - | 69 | 71.2 |
| 2 | INCHES | MAX | 98 | 100 | 82 | 75 | 85 | 80 | 93 | 92 | 93 | 93 | 86 | 90 | 94 | 94 | 94 | 97 | 97 | 95 | 98 | 94 | 100 | 100 | 103 | 91 | 91 | 83 | 84 | 90 | 89 | - | 83 | 91.5 |
| | | MIN | 73 | 75 | 73 | 68 | 68 | 67 | 61 | 66 | 70 | 72 | 74 | 76 | 71 | 74 | 75 | 78 | 78 | 78 | 78 | 71 | 68 | 71 | 77 | 80 | 80 | 68 | 65 | 73 | 72 | - | 70 | 72.3 |
| 8 | INCHES | MAX | 83 | 85 | 79 | 75 | 80 | 76 | 80 | 80 | 82 | 81 | 78 | 80 | 82 | 82 | 81 | 85 | 85 | 85 | 84 | 84 | 86 | 86 | 87 | 83 | 83 | 80 | 83 | 83 | 82 | - | 80 | 82.0 |
| | | MIN | 74 | 76 | 75 | 72 | 70 | 72 | 68 | 70 | 73 | 74 | 73 | 73 | 74 | 76 | 76 | 73 | 80 | 79 | 80 | 76 | 74 | 71 | 79 | 80 | 80 | 74 | 73 | 76 | 75 | - | 72 | 74.6 |

MAX AND MIN TEMPERATURES ARE FOR THE 24 HOUR PERIOD ENDING AT MIDNIGHT.

PLOT #1 - SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

PLOT #2 - SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ↕ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 | | 7A | | | WALTER J SCHANCK |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT H. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 58 | 10 | 5P | 5P | | C | N.WEST MAGNESITE CO. |
| CEDAR GROVE | 1472 | 01 | ESSEX | 8 | 40 52 | 74 13 | 400 | | 8A | | | J. A. PLUNKETT |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F OROPPE |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A | | | CHARLES KOONS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 N | 4987 | 03 | MONMOUTH | 1 | 40 20 | 74 00 | 10 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5053 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MANVILLE | 5195 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | JOHN L. RADCLIFFE |
| MARLBORO SCS | 5244 | 02 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | C | GEROW BRILL |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 9A | 9A | | C H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS. III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | | 8A | 8A | 8A | CGH | RUTGERS UNIV |
| NEW BRUNSWICK EXP STA | 6062 | 02 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | 5P | 5P | | H | CLOSED 5/31/68 |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEW MONMOUTH | 6154 | 02 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P | | | ST. MARYS SCHOOL |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PENNSAUKEN | 6863 | 02 | CAMDEN | 2 | 39 57 | 75 04 | 60 | | 9A | | | CAMDEN COUNTY PLNG BD. |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 3P | 3P | | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 | | 7A | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| RUTGERS MICRO-MET STA | 7831 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | | | 8A | CG | CLOSED 6/1/68 |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P | | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY O. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO. JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT H. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |
| CLOSED STATIONS | | | | | | | | | | | | |
| NEW BRUNSWICK EXP STA | 6062 | 02 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | 5P | 5P | | H | CLOSED 5/31/68 |
| RUTGERS MICRO-MET STA | 7831 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | | | 8A | CG | CLOSED 6/1/68 |
| NEW STATION | | | | | | | | | | | | |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | | 8A | 8A | 8A | CGH | RUTGERS UNIV |

↕ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7 00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing, if average value is entered, less than 10 days record is missing See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground, however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

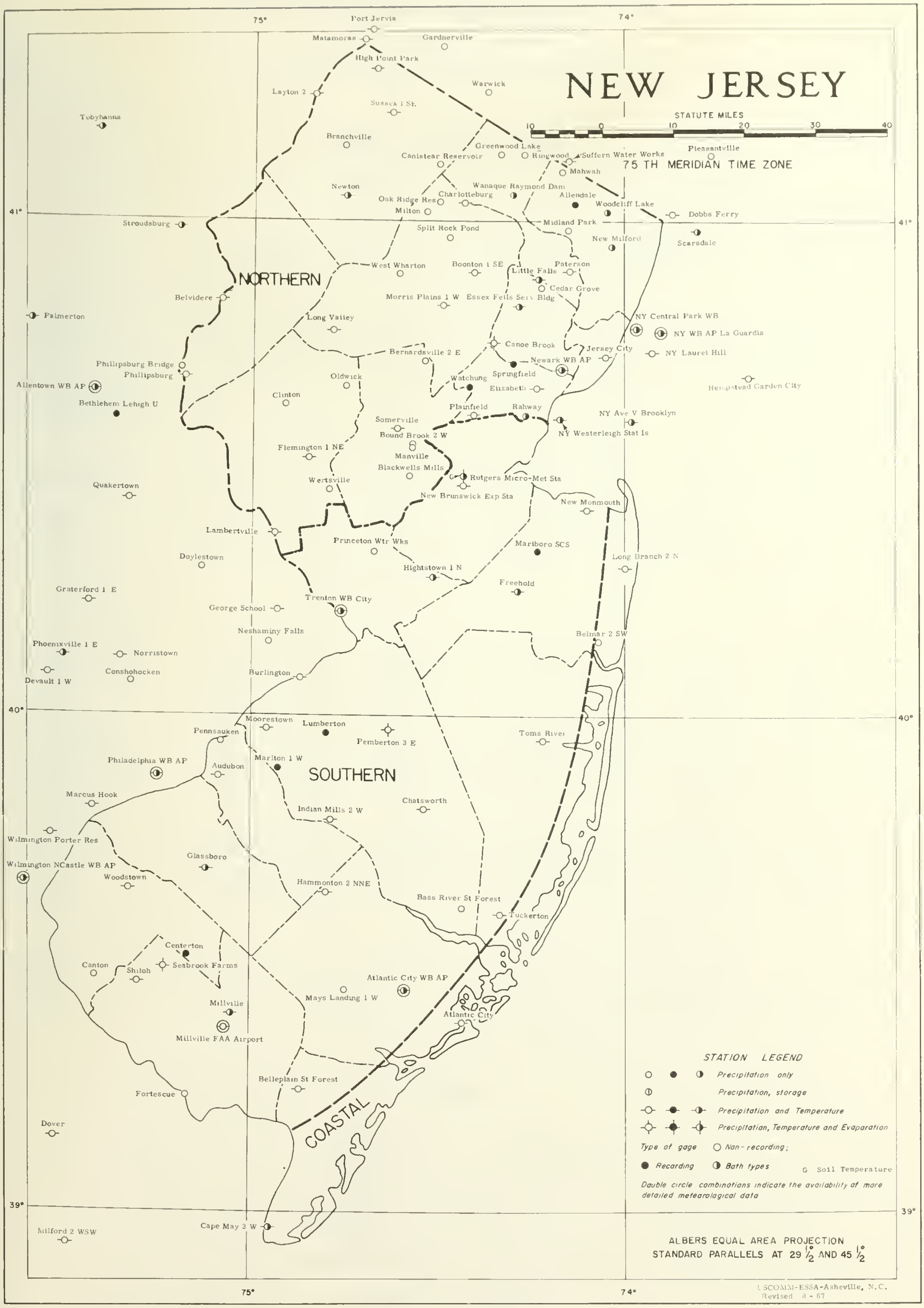
General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual, $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE- 8/30/68-880



USCOMM-ESSA-Asheville, N.C.
Revised 8-67

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C. R. SMITH Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
AUGUST 1968
Volume 73 No. 8

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | Total | Departure From Normal | Greatest Day | Date | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| | | | | | | | | | | 90° or Above | 32° or Below | 32° or Below | 0° or Below | | | | | | | | | | |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 82.5 | 58.3 | 70.4 | - 2.5 | 90 | 8 | 44 | 28 | 30 | 1 | 0 | 0 | 0 | 2.96 | - 2.03 | .77 | 17 | .0 | 0 | | 6 | 3 | 0 |
| BOONTON 1 SE | 81.7 | 59.3 | 70.5 | - .3 | 91 | 8 | 46 | 31+ | 23 | 2 | 0 | 0 | 0 | 3.26 | - 1.67 | 1.00 | 23 | .0 | 0 | | 4 | 4 | 1 |
| CANOE BROOK | 84.4 | 59.8 | 72.1 | 1.0 | 93 | 8 | 43 | 31 | 16 | 7 | 0 | 0 | 0 | 2.85 | - 2.38 | 1.14 | 23 | .0 | 0 | | 5 | 3 | 1 |
| CHARLOTTEBURG | 81.1 | 56.9 | 69.0 | - .2 | 88 | 26+ | 44 | 31+ | 34 | 0 | 0 | 0 | 0 | 2.62 | - 2.34 | .70 | 17 | .0 | 0 | | 6 | 2 | 0 |
| ELIZABETH | M | 63.7 | M | | 94 | 8+ | 51 | 28 | | | 0 | 0 | 0 | 1.69 | - 3.28 | .71 | 17 | .0 | 0 | | 5 | 1 | 0 |
| ESSEX FELLS SERV BLDG | 83.9 | 59.9 | 71.9 | | 92 | 26+ | 46 | 29 | 12 | 6 | 0 | 0 | 0 | 2.85 | | 1.22 | 22 | .0 | 0 | | 3 | 2 | 2 |
| FLEMINGTON 1 NE | 85.9 | 59.3 | 72.6 | - .8 | 95 | 8 | 41 | 28 | 21 | 11 | 0 | 0 | 0 | 3.49 | - 1.53 | .95 | 9 | .0 | 0 | | 8 | 3 | 0 |
| HIGH POINT PARK | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | | | | | | | | | | | | | | | | | | | | | | | |
| LAMBERTVILLE | 87.0 | 62.9 | 75.0 | 2.0 | 95 | 25 | 47 | 31+ | 6 | 14 | 0 | 0 | 0 | 3.78 | - 1.36 | 1.28 | 3 | .0 | 0 | | 8 | 2 | 1 |
| LAYTON 2 | 81.9 | 56.0 | 69.0 | | 90 | 9+ | 44 | 29+ | 38 | 2 | 0 | 0 | 0 | 2.19 | | 1.37 | 23 | .0 | 0 | | 4 | 1 | 1 |
| LITTLE FALLS | 85.4 | 63.1 | 74.3 | 1.5 | 94 | 26 | 49 | 31+ | 3 | 10 | 0 | 0 | 0 | 2.74 | - 2.35 | 1.20 | 2 | .0 | 0 | | 4 | 3 | 1 |
| LONG VALLEY | 81.8 | 54.9 | 68.4 | | 90 | 9 | 41 | 31+ | 51 | 1 | 0 | 0 | 0 | 4.22 | - .84 | 2.94 | 23 | .0 | 0 | | 4 | 3 | 1 |
| MORRIS PLAINS 1 W | 83.5 | 59.6 | 71.6 | | 92 | 8 | 46 | 31+ | 15 | 4 | 0 | 0 | 0 | 2.54 | | 1.38 | 23 | .0 | 0 | | 3 | 2 | 1 |
| NEWARK WB AIRPORT R | 85.7 | 68.0 | 76.9 | 2.5 | 95 | 25 | 55 | 28 | 0 | 9 | 0 | 0 | 0 | 2.41 | - 2.02 | .59 | 16 | .0 | 0 | | 6 | 2 | 0 |
| NEWTON | 83.8 | 55.8 | 69.8 | - .3 | 92 | 25+ | 38 | 29 | 39 | 5 | 0 | 0 | 0 | 2.42 | - 2.12 | 1.21 | 23 | .0 | 0 | | 4 | 1 | 1 |
| PATERSON | 87.6M | 66.9M | 77.3M | 3.7 | 96 | 8 | | | 0 | | 0 | 0 | 0 | 3.52 | - 1.35 | 1.20 | 2 | .0 | 0 | | 5 | 3 | 1 |
| PHILLIPSBURG | 87.4 | 62.2 | 74.8 | 2.4 | 94 | 7 | 45 | 28 | 9 | 16 | 0 | 0 | 0 | 3.35 | - 1.69 | .98 | 25 | .0 | 0 | | 6 | 3 | 0 |
| PLAINFIELD | 85.7 | 63.1 | 74.4 | 1.3 | 94 | 25+ | 48 | 28 | 3 | 10 | 0 | 0 | 0 | 4.18 | - 1.01 | 1.96 | 23 | .0 | 0 | | 7 | 2 | 1 |
| SOMERVILLE | 85.7 | 61.9 | 73.8 | 1.0 | 94 | 7 | 47 | 28 | 3 | 8 | 0 | 0 | 0 | 7.24 | 2.23 | 2.77 | 23 | .0 | 0 | | 7 | 3 | 3 |
| SUSSEX 1 SE | 82.5 | 52.4 | 67.5 | - 3.3 | 90 | 18+ | 39 | 31+ | 50 | 2 | 0 | 0 | 0 | 2.40 | - 2.64 | .97 | 23 | .0 | 0 | | 4 | 2 | 0 |
| DIVISION | | | 72.2 | .1 | | | | | | | | | | 3.20 | - 1.71 | | | .0 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 84.7 | 63.0 | 73.9 | .2 | 97 | 25 | 46 | 31+ | 18 | 9 | 0 | 0 | 0 | 2.20 | - 2.70 | 1.47 | 3 | .0 | 0 | | 4 | 1 | 1 |
| AUDUBON | 87.9 | 65.7 | 76.8 | | 97 | 25 | 51 | 31+ | 0 | 14 | 0 | 0 | 0 | 1.61 | | .70 | 17 | .0 | 0 | | 3 | 2 | 0 |
| BELLEPLAIN ST FOREST | 88.8 | 63.1 | 76.0 | | 98 | 25 | 44 | 31+ | 8 | 17 | 0 | 0 | 0 | .87 | - 4.88 | .76 | 3 | .0 | 0 | | 1 | 1 | 0 |
| BURLINGTON | 88.3 | 66.4 | 77.4 | 1.9 | 97 | 25 | 52 | 31 | 0 | 16 | 0 | 0 | 0 | 1.93 | - 2.91 | .80 | 17 | .0 | 0 | | 3 | 2 | 0 |
| CHATSWORTH | 87.5 | 62.8 | 75.2 | | 96 | 26+ | 44 | 31 | 8 | 10 | 0 | 0 | 0 | 2.12 | | 1.60 | 3 | .0 | 0 | | 2 | 1 | 1 |
| FREEHOLD | 83.7 | 62.5 | 73.1 | .0 | 92 | 26+ | 48 | 31+ | 13 | 5 | 0 | 0 | 0 | 4.31 | - .45 | 1.51 | 23 | .0 | 0 | | 6 | 4 | 1 |
| GLASSBORO | 87.5 | 63.8 | 75.7 | | 96 | 26 | 48 | 31+ | 4 | 13 | 0 | 0 | 0 | .91 | | .46 | 10 | .0 | 0 | | 3 | 0 | 0 |
| HAMMONTON 2 NNE | 88.2 | 64.9 | 76.6 | 2.4 | 99 | 26 | 50 | 31 | 0 | 16 | 0 | 0 | 0 | 2.33 | - 3.31 | .78 | 11 | .0 | 0 | | 4 | 2 | 0 |
| HIGHTSTOWN 1 N | 84.4 | 63.4 | 73.9 | 1.0 | 93 | 25+ | 49 | 31+ | 8 | 6 | 0 | 0 | 0 | 6.86 | 2.34 | 2.47 | 23 | .0 | 0 | | 9 | 5 | 2 |
| INDIAN MILLS 2 W | 86.2 | 60.6 | 73.4 | .5 | 95 | 25 | 41 | 31+ | 22 | 11 | 0 | 0 | 0 | .98 | - 4.48 | .40 | 3 | .0 | 0 | | 3 | 0 | 0 |
| MILLVILLE | 87.4 | 65.1 | 76.3 | | 95 | 26+ | 49 | 31+ | 2 | 15 | 0 | 0 | 0 | 3.66 | | 2.10 | 5 | .0 | 0 | | 2 | 2 | 2 |
| MILLVILLE FAA AIRPORT | 85.5 | 65.4 | 75.5 | | 96 | 25 | 49 | 31 | 4 | 10 | 0 | 0 | 0 | 2.97 | | 1.64 | 4 | .0 | 0 | | 5 | 2 | 1 |
| MOORESTOWN | 87.3 | 64.4 | 75.9 | 2.8 | 98 | 25 | 48 | 31+ | 4 | 15 | 0 | 0 | 0 | .98 | - 3.77 | .62 | 2 | .0 | 0 | | 3 | 1 | 0 |
| NEW BRUNSWICK | 83.4 | 63.6 | 73.5 | | 93 | 8+ | 50 | 28 | 6 | 5 | 0 | 0 | 0 | 7.07 | | 2.04 | 10 | .0 | 0 | | 7 | 6 | 3 |
| NEW MONMOUTH | | | | | | | | | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | 86.7 | 62.5 | 74.6 | .8 | 97 | 17 | 45 | 31 | 11 | 12 | 0 | 0 | 0 | 2.91 | - 2.14 | 1.26 | 17 | .0 | 0 | | 4 | 2 | 1 |
| SEABROOK FARMS | 85.7 | 65.7 | 75.7 | | 95 | 26 | 50 | 31 | 1 | 9 | 0 | 0 | 0 | 3.10 | | 1.10 | 5 | .0 | 0 | | 4 | 4 | 1 |
| SHILOH | 86.9 | 65.7 | 76.3 | 1.7 | 95 | 26+ | 50 | 28 | 2 | 15 | 0 | 0 | 0 | 2.13 | - 2.82 | .88 | 3 | .0 | 0 | | 4 | 1 | 0 |
| TOMS RIVER | 85.3 | 63.7 | 74.5 | | 95 | 26 | 47 | 30 | 10 | 8 | 0 | 0 | 0 | 4.72 | | 2.59 | 23 | .0 | 0 | | 6 | 3 | 2 |
| TRENTON WB CITY R | 84.5 | 66.8 | 75.7 | 1.8 | 94 | 25 | 55 | 28 | 0 | 8 | 0 | 0 | 0 | 3.02 | - 1.75 | 1.46 | 3 | .0 | 0 | | 5 | 2 | 1 |
| TUCKERTON | 85.7 | 64.8 | 75.3 | | 98 | 25 | 47 | 30 | 5 | 10 | 0 | 0 | 0 | 3.20 | | 2.43 | 3 | .0 | 0 | | 4 | 1 | 1 |
| WOODSTOWN | 88.7 | 64.8 | 76.8 | | 95 | 25+ | 48 | 31+ | 3 | 17 | 0 | 0 | 0 | 1.55 | | .60 | 11 | .0 | 0 | | 5 | 1 | 0 |
| DIVISION | | | 75.3 | 1.9 | | | | | | | | | | 2.83 | - 2.23 | | | .0 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 82.7 | 69.7 | 76.2 | 2.5 | 94 | 25+ | 57 | 30 | 0 | 5 | 0 | 0 | 0 | 1.07 | - 4.07 | .50 | 2 | | | | 2 | 1 | 0 |
| CAPE MAY 3 W | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2 N | 83.5 | 67.7 | 75.6 | 2.8 | 93 | 25 | 57 | 31+ | 0 | 7 | 0 | 0 | 0 | 5.16 | - .09 | 2.00 | 23 | .0 | 0 | | 5 | 4 | 2 |
| DIVISION | | | 75.9 | 2.3 | | | | | | | | | | 3.12 | - 1.82 | | | .0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>HAMMONTON 2 NNE | 99 | DATE | 26 |
| LOWEST TEMPERATURE<br>NEWTON | 38 | DATE | 29 |
| GREATEST TOTAL PRECIPITATION<br>SOMERVILLE | 7.24 | | |
| LEAST TOTAL PRECIPITATION<br>FORTESCUE | .48 | | |
| GREATEST 1 DAY PRECIPITATION<br>POTTERSVILLE 2 NNW | 3.30 | DATE | 23 |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * *<br>NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 2.96 |  | .69 | T |  | .05 | T | .31 | .09 |  | T | .17 |  |  | T |  |  | .77 |  |  |  | .10 |  | .68 |  | .06 | .04 |  |  |  |  |  |
| BERNARDSVILLE 2 E | 4.34 |  | .77 | .09 |  |  |  | .02 |  |  | .07 | .06 |  |  |  |  |  | .70 |  |  |  | T |  | 2.60 | .01 | .02 |  |  |  |  |  |  |
| BLACKWELLS MILLS | 6.24 |  | .64 | .81 | .01 |  |  | .01 | .15 |  | .17 |  |  |  |  |  |  | .04 | 1.02 |  |  | .03 |  | 2.82 |  | .43 | .11 |  |  |  |  |  |
| BOONTON 1 SE | 3.26 |  | .75 | .09 | .86 | T |  | T | T |  |  | T |  |  |  |  |  | .56 |  |  |  | T |  | 1.00 | T |  |  |  |  |  |  |  |
| BOUND BROOK 2 W | 5.98 |  | .35 | .15 | .02 |  |  |  | .39 |  | 1.56 |  |  |  |  |  |  | .63 | T |  |  | .05 |  | 2.21 |  | .46 | .16 |  |  |  |  |  |
| BRANCHVILLE | 2.94 | .01 | .45 |  |  |  |  | .15 |  |  |  | .02 |  |  |  |  |  | .05 |  |  |  | .77 |  | 1.44 |  | .05 |  |  |  |  |  |  |
| CANISTEAR RESERVOIR | 3.06 |  | .48 |  | .06 |  |  | 1.03 | T |  | .07 | .20 |  |  |  |  |  | .19 |  |  |  |  |  | 1.03 | T |  |  |  |  |  |  |  |
| CANOE BROOK | 2.85 |  | .90 | .12 | T | T |  | T |  |  | T |  |  |  |  |  |  | .56 | T |  |  | .13 |  | 1.14 | T | T |  |  |  |  |  |  |
| CHARLOTTEBURG | 2.62 |  | .39 |  | .06 |  |  | .42 |  |  | .11 | .01 |  |  |  |  |  | .70 | T |  |  | .32 |  | .61 | T |  |  |  |  |  |  |  |
| CLINTON | 3.47 |  | .88 |  |  |  |  | .15 | .74 | .42 |  |  |  |  |  |  |  |  |  |  |  | .52 |  | .71 |  |  | .05 |  |  |  |  |  |
| ELIZABETH | 1.69 |  | .38 | .17 | T |  |  |  |  | .05 |  |  |  |  |  |  |  | .71 |  |  |  | .04 |  | .13 |  | .12 | .09 |  |  |  |  |  |
| ESSEX FELLS SERV BLDG | 2.85 |  | 1.10 | .05 |  |  |  | .01 |  |  |  |  |  |  |  |  |  | .47 |  |  |  |  | 1.22 |  |  |  |  |  |  |  |  |  |
| FLEMINGTON 1 NE | 3.49 |  | .74 | .28 |  |  |  | .08 | .53 | .95 | .30 |  |  |  |  |  |  |  | .10 |  |  | .08 |  | .23 |  | .18 | .02 |  |  |  |  |  |
| GREENWOOD LAKE | 1.55 |  | .30 |  | .06 |  |  | .03 | .13 |  |  | .13 |  |  |  | .02 |  | .25 | .04 |  |  |  |  | .50 | .07 | .02 |  |  |  |  |  |  |
| HIGH POINT PARK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JERSEY CITY | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LAMBERTVILLE | 3.78 |  | .32 | 1.28 |  |  | .10 | .42 | .03 | .50 |  |  |  |  | T |  | .05 | .48 |  |  |  | .04 |  | .10 | .07 | .07 | .32 |  |  |  |  |  |
| LAYTON 2 | 2.19 | T | .42 |  | T |  | .02 | .16 | T |  | .11 | .03 |  |  |  |  |  | .06 |  |  | T | T |  | 1.37 | .02 | T |  |  |  |  |  |  |
| LITTLE FALLS | 2.74 |  | 1.20 | .05 | .20 |  |  |  | .02 |  |  | .01 |  |  |  |  |  | .53 |  |  |  | .01 |  | .72 |  |  |  |  |  |  |  |  |
| LONG VALLEY | 4.22 |  | .55 | .03 |  |  |  | .09 |  |  |  | .10 |  |  |  |  |  | .51 |  |  |  |  |  | 2.94 |  |  |  |  |  |  |  |  |
| MAHWAH | 3.06 |  | .28 |  | .10 |  |  | .05 | 1.23 |  | .02 | .17 |  |  |  | .07 |  | .66 |  |  |  |  |  | .46 | .02 |  |  |  |  |  |  |  |
| MANVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MIDLAND PARK | 2.16 | .75 | .08 | .03 | .17 |  | .02 | .12 |  | .15 | .01 |  |  |  |  |  | .45 | .01 |  |  |  |  | .33 | .03 | .01 |  |  |  |  |  |  |  |
| MILTON | 2.81 |  | .73 |  | .15 |  |  | .04 |  |  |  | .02 |  |  |  |  |  | .68 |  |  |  | .18 |  | 1.00 |  | .01 |  |  |  |  |  |  |
| MORRIS PLAINS 1 W | 2.54 |  | .65 | .05 | T | T | T | .03 |  | T | .05 | .02 |  |  | T | T |  | .30 | T |  |  | .04 |  | 1.38 | .02 |  |  |  |  |  |  |  |
| NEWARK WB AIRPORT R | 2.41 | .58 | .01 | .16 |  |  | T | T |  | .35 | T |  |  | T | T |  | .59 | T |  |  | .03 |  | .46 | .14 | .01 | .08 |  |  |  |  |  |  |
| NEW BRUNSWICK | 7.07 |  | .55 | .50 | .05 |  |  | T | .75 |  | 2.04 |  |  |  | T | T |  | .08 | 1.05 |  |  | .02 |  | 1.83 |  | T | .20 |  |  |  |  |  |
| NEW MILFORD | 2.12 | .91 | .07 | .04 | .19 |  |  | .24 |  | .18 |  |  |  |  |  |  | .28 |  |  |  |  |  | .15 | .06 |  |  |  |  |  |  |  |  |
| NEWTON | 2.42 |  | .41 |  | .11 |  |  | .09 |  |  |  | .08 |  |  |  |  |  | .45 |  |  |  |  |  | 1.21 |  | .07 |  |  |  |  |  |  |
| OAK RIDGE RESERVOIR | 3.36 |  | .59 |  | .11 |  |  | .09 |  |  | .04 | .06 |  |  |  |  |  | .72 |  |  |  | .52 |  | 1.14 | .05 | .04 |  |  |  |  |  |  |
| PATERSON | 3.52 |  | 1.20 | .04 | .49 |  |  |  | .78 |  | .02 | T |  |  | T |  |  | .24 |  |  |  | .03 |  | .72 |  |  |  |  |  |  |  |  |
| PHILLIPSBURG | 3.35 |  | .97 |  |  |  | .20 | .55 |  |  |  |  |  |  | .03 |  |  | .30 |  |  |  | .30 |  | .02 |  | .98 |  |  |  |  |  |  |
| PHILLIPSBURG BRIDGE | 2.82 |  | .87 |  |  |  | .20 |  | .42 |  |  | .04 |  |  |  |  |  | .02 |  |  |  |  |  | .05 |  | 1.22 |  |  |  |  |  |  |
| PLAINFIELD | 4.18 |  | .36 | .16 |  |  | .02 | T |  | .28 | T |  |  | T | T |  | T | .63 |  |  |  | .42 |  | 1.96 | .01 |  | .34 |  |  |  |  |  |
| POTTERSVILLE 2 NNW | 4.96 |  | .92 | .09 |  |  |  | .08 |  |  | .17 | .03 |  |  |  |  |  | .36 |  |  |  | .01 |  | 3.30 |  | T |  |  |  |  |  |  |
| RAHWAY | 4.24 | .53 | .03 | .20 | T |  | T |  |  | .03 |  |  |  |  |  |  | .30 | .04 |  |  | .08 |  | 1.76 | .62 | .12 | .53 |  |  |  |  |  |  |
| RINGWOOD | 1.63 |  | .40 |  | .04 |  | T | .52 | .03 |  |  |  |  |  | T |  |  | .25 |  |  |  |  |  |  | .39 |  |  |  |  |  |  |  |
| SOMERVILLE | 7.24 |  | .40 | .20 |  |  | .04 | .32 |  | 2.26 |  |  |  |  |  |  |  | 1.07 |  |  |  | .02 |  | 2.77 | .16 |  |  |  |  |  |  |  |
| SPLIT ROCK POND | 2.37 |  | .42 |  | .55 |  |  | .02 |  |  |  |  |  |  |  |  |  | .41 |  |  |  | .06 |  | .91 |  |  |  |  |  |  |  |  |
| SUSSEX 1 SE | 2.40 |  | .80 |  | .03 |  |  | .38 | .02 |  | .03 | .02 |  |  |  |  |  | .12 |  |  |  |  |  | .97 | .03 |  |  |  |  |  |  |  |
| WANAQUE RAYMOND DAM | 1.76 |  |  | .34 | .03 |  |  | T | T |  | .27 |  |  |  |  |  |  | .48 |  |  |  |  |  | .64 | T |  |  |  |  |  |  |  |
| WERTSVILLE | 3.34 |  | .83 | .66 |  |  |  | .08 | .09 |  | .02 |  |  |  |  |  |  | .08 | .12 | T |  | .60 | .46 |  |  | .30 | .10 |  |  |  |  |  |
| WEST WHARTON | 3.91 |  | .83 | T | .82 |  |  | .06 |  |  |  | .01 |  |  |  |  |  | .67 | .01 |  |  |  |  | 1.40 | .10 | .01 |  |  |  |  |  |  |
| WOODCLIFF LAKE | 2.88 | .50 | .16 |  | .16 |  | .10 | .45 |  | .43 | .13 |  |  |  | .05 |  | .55 |  |  |  |  |  | .20 | .15 |  |  |  |  |  |  |  |  |
| * * *<br>SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 2.20 | T | .27 | 1.47 | .05 |  | T | T |  |  | .24 |  |  |  | T |  | T | .16 |  |  |  |  |  | .01 | T |  |  |  |  |  |  |  |
| AUDUBON | 1.61 | .50 | .33 | T |  | T | T |  |  |  | T |  |  |  |  |  | T | .70 |  |  |  |  |  | T | .08 |  |  |  |  |  |  |  |
| BASS RIVER ST FOREST | 3.20 |  |  | .03 | 2.48 |  |  |  |  |  |  | .42 | .04 |  |  |  |  |  | .15 |  |  |  | .03 | .03 |  |  |  |  |  |  |  |  |
| BELLEPLAIN ST FOREST | .87 |  |  | .76 | .05 |  | .02 |  |  |  |  |  |  | T |  |  |  |  |  |  | .02 |  |  |  |  |  | .02 |  |  |  |  |  |
| BURLINGTON | 1.93 | .08 | .72 | .07 |  |  | T |  |  |  |  |  |  |  |  |  | .06 | .80 |  |  |  |  |  | T |  | .20 |  |  |  |  |  |  |
| CANTON | 2.89 |  | .02 | .72 |  | 1.05 |  |  |  |  |  | .73 |  |  |  |  |  | .05 |  |  | .03 | .05 |  |  |  | .21 | .03 |  |  |  |  |  |
| CHATSWORTH | 2.12 |  |  | 1.60 | .03 |  |  |  |  |  |  | .05 |  |  |  |  |  | .40 |  |  |  |  |  | .04 |  |  |  |  |  |  |  |  |
| FORTESCUE | .48 |  |  | .10 |  |  |  |  |  |  |  | .15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .23 |  |  |  |  |  |
| FREEHOLD | 4.31 |  | .32 | .82 |  |  |  |  | .69 |  | .78 |  |  |  |  | T |  | T | .02 |  |  | .01 |  | 1.51 |  | .06 | .10 |  |  |  |  |  |
| GLASSBORO | .91 |  | T | .29 | T | T | .01 |  |  |  | .46 |  |  |  |  |  |  | .10 |  |  |  |  |  |  | .02 | .03 |  |  |  |  |  |  |
| HAMMONTON 2 NNE | 2.33 |  | .06 | .72 |  |  |  | .31 |  |  |  | .78 |  |  |  |  |  |  | .42 |  |  |  |  | .01 |  | .02 | .01 |  |  |  |  |  |
| HIGHTSTOWN 1 N | 6.86 | .60 | .42 | 1.31 |  |  | T | .61 |  | .37 |  | T |  |  | T |  | .02 | .12 |  |  |  | .52 |  | 2.47 | .40 | .02 | T |  |  |  |  |  |
| INDIAN MILLS 2 W | .98 |  | .32 | .40 |  |  | T | T |  |  |  | .04 |  |  |  |  |  | .13 |  |  |  |  |  | .09 | T |  | T |  |  |  |  |  |
| MAYS LANDING 1 W | 2.52 |  | .08 | 1.49 |  | .06 |  |  |  |  |  | .59 |  |  |  | .01 |  | T | .29 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MILLVILLE | 3.66 |  | .05 | 1.28 | T | 2.10 |  |  |  |  |  | .08 |  |  |  | .03 |  | T | T |  | .02 |  |  |  |  | .06 | .04 |  |  |  |  |  |
| MILLVILLE FAA AIRPORT | 2.97 | T | .69 | .19 | 1.64 |  | T | .02 |  | T | .11 |  |  |  | .05 |  | T | .22 |  | .02 |  |  |  |  | .03 | T |  |  |  |  |  |  |
| MOORESTOWN | .98 |  | .62 |  | .21 |  | T | T |  |  |  |  |  |  |  |  |  | .15 |  |  |  |  |  | T |  |  |  |  |  |  |  |  |
| NEW BRUNSWICK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NEW MONMOUTH | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PEMBERTON 3 E | 2.91 |  | .47 | .72 |  |  |  |  | .39 |  |  |  |  |  |  |  |  | 1.26 |  |  |  |  |  | .04 |  | .03 |  |  |  |  |  |  |
| PENNSAUKEN | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PRINCETON WATER WORKS | 2.43 | .38 | .02 | .65 |  |  |  | .16 |  | .13 |  |  |  |  | T |  | T | .11 |  |  | .44 |  | .30 | .04 | .20 |  |  |  |  |  |  |  |
| SEABROOK FARMS | 3.10 |  |  | .77 |  | 1.10 |  | .01 |  |  | .57 |  |  |  |  | T |  | .01 | .01 |  | .01 |  |  |  |  |  | .62 |  |  |  |  |  |
| SHILOH | 2.13 |  | .05 | .88 |  | .48 |  |  | .03 |  |  | .35 |  |  | .03 |  |  | .05 |  |  | .02 | .05 |  |  | .15 | .04 |  |  |  |  |  |  |
| TOMS RIVER | 4.72 |  | .01 | 1.03 |  |  |  |  | .22 |  | .13 |  |  |  | .02 |  |  |  | .18 |  |  |  |  | 2.59 | .04 |  | .50 |  |  |  |  |  |
| TRENTON WB CITY R | 3.02 | .74 | .01 | 1.46 | T |  | .02 | .17 |  | T | T |  |  |  | T |  | .16 | .06 | T | T | .04 |  | T | .02 | .34 | T |  |  |  |  |  |  |
| TUCKERTON | 3.20 |  | .13 | 2.43 |  |  | T |  |  |  | T | .31 |  |  |  |  |  | .05 |  |  |  |  |  | .28 | T |  |  |  |  |  |  |  |
| WOODSTOWN | 1.55 |  | .22 | .12 |  |  | T | T |  |  | T | .60 |  |  | T |  | .02 | .01 |  | T | .02 |  |  |  | T | .46 | .10 |  |  |  |  |  |
| * * *<br>COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 1.07 |  | .50 | .45 | .05 |  |  |  |  |  | .06 |  |  |  | .01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BELMAR 2 SW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CAPE MAY 3 W | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LONG BRANCH 2 N | 5.16 |  | .52 | 1.72 |  |  |  | .04 |  | .09 | T |  |  |  | T |  |  | .54 |  |  | T | .07 |  | 2.00 |  | .14 | .04 |  |  |  |  |  |

# SUPPLEMENTAL DATA

| Station | Wind (Speed - m.p.h.) | | | | | | Relative humidity averages percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | EASTERN STANDARD TIME 1 AM | 7 AM | 1 PM | 7 PM | Trace | .01–.09 | .10–.49 | .50–.99 | 1.00–1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 24 | 3.0 | 9.6 | 21++ | 33 | 17+ | 86 | 81 | 50 | 71 | 6 | 2 | 3 | 0 | 1 | 0 | 12 | 71 | 5.9 |
| ATLANTIC CITY ST. MARINA | - | - | - | 30 | SSW | 01 | - | - | - | - | 0 | 3 | 1 | 1 | 0 | 0 | 5 | - | - |
| NEWARK WB AIRPORT | 25 | 3.9 | 9.6 | 25++ | 32 | 09 | 73 | 71 | 50 | 57 | 6 | 4 | 4 | 2 | 0 | 0 | 16 | - | 5.7 |
| TRENTON WB CITY | - | - | - | 31 | NW | 07 | - | - | - | - | 8 | 5 | 3 | 1 | 1 | 0 | 18 | 64 | 5.8 |

See reference notes following Station Index.

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 82 | 85 | 83 | 86 | 84 | 87 | 81 | 90 | 89 | 87 | 86 | 75 | 78 | 80 | 85 | 83 | 75 | 87 | 85 | 75 | 86 | 88 | 87 | 86 | 87 | 89 | 78 | 72 | 73 | 74 | 78 | 82.5 |
| | MIN | 61 | 63 | 64 | 70 | 64 | 66 | 67 | 62 | 65 | 68 | 54 | 47 | 50 | 52 | 57 | 50 | 50 | 63 | 62 | 65 | 67 | 60 | 60 | 64 | 69 | 58 | 49 | 44 | 45 | 46 | 46 | 58.5 |
| BOONTON 1 SE | MAX | 82 | 87 | 87 | 88 | 85 | 88 | 82 | 91 | 90 | 88 | 88 | 76 | 80 | 80 | 85 | 78 | 73 | 83 | 78 | 71 | 84 | 81 | 86 | 81 | 84 | 87 | 76 | 70 | 72 | 77 | 76 | 81.7 |
| | MIN | 57 | 65 | 66 | 68 | 63 | 62 | 66 | 64 | 65 | 68 | 57 | 46 | 56 | 56 | 57 | 48 | 54 | 65 | 60 | 59 | 68 | 60 | 68 | 67 | 69 | 60 | 55 | 46 | 51 | 48 | 46 | 59.3 |
| CANOE BROOK | MAX | 81 | 92 | 86 | 87 | 82 | 87 | 83 | 93 | 92 | 91 | 88 | 77 | 81 | 82 | 87 | 84 | 80 | 83 | 90 | 77 | 92 | 88 | 88 | 83 | 88 | 91 | 80 | 75 | 75 | 76 | 78 | 84.4 |
| | MIN | 65 | 67 | 68 | 70 | 64 | 63 | 58 | 64 | 65 | 67 | 57 | 48 | 55 | 62 | 57 | 51 | 55 | 69 | 60 | 65 | 66 | 60 | 68 | 68 | 67 | 61 | 53 | 47 | 48 | 48 | 43 | 59.8 |
| CHARLOTTEBURG | MAX | 80 | 85 | 84 | 85 | 85 | 85 | 78 | 88 | 88 | 88 | 85 | 73 | 78 | 80 | 84 | 81 | 75 | 81 | 81 | 75 | 87 | 84 | 82 | 82 | 86 | 88 | 77 | 72 | 72 | 75 | 75 | 81.1 |
| | MIN | 60 | 63 | 62 | 66 | 61 | 60 | 63 | 64 | 63 | 66 | 54 | 44 | 45 | 48 | 60 | 47 | 48 | 65 | 57 | 60 | 63 | 59 | 59 | 67 | 67 | 58 | 52 | 46 | 46 | 48 | 44 | 56.9 |
| ELIZABETH | MAX | 91 | 86 | 87 | 87 | 89 | 84 | 94 | 94 | 91 | 90 | 85 | 82 | 85 | 85 | 84 | 83 | | | | | | | | | | | 78 | 77 | 79 | 82 | 82 | |
| | MIN | 72 | 69 | 70 | 72 | 69 | 69 | 65 | 65 | 69 | 70 | 60 | 53 | 56 | 65 | 63 | 57 | 55 | 69 | 63 | 69 | 70 | 60 | 71 | 70 | 70 | 64 | 55 | 51 | 58 | 54 | 52 | 63.7 |
| ESSEX FELLS SERV BLDG | MAX | 81 | 91 | 86 | 87 | 86 | 86 | 81 | 90 | 92 | 88 | 87 | 78 | 82 | 85 | 86 | 86 | 79 | 88 | 82 | 76 | 90 | 90 | 81 | 83 | 85 | 92 | 80 | 75 | 75 | 78 | 78 | 83.9 |
| | MIN | 62 | 66 | 66 | 70 | 67 | 66 | 65 | 65 | 65 | 70 | 55 | 49 | 49 | 53 | 59 | 51 | 51 | 65 | 60 | 62 | 69 | 60 | 70 | 70 | 69 | 61 | 55 | 47 | 46 | 50 | 47 | 59.9 |
| FLEMINGTON 1 NE | MAX | 85 | 92 | 87 | 89 | 87 | 90 | 85 | 95 | 92 | 89 | 90 | 86 | 86 | 84 | 86 | 84 | 78 | 91 | 84 | 76 | 92 | 90 | 91 | 88 | 91 | 93 | 79 | 75 | 74 | 76 | 78 | 85.9 |
| | MIN | 59 | 69 | 70 | 71 | 65 | 65 | 68 | 64 | 66 | 66 | 58 | 47 | 48 | 63 | 61 | 50 | 64 | 61 | 61 | 62 | 67 | 59 | 59 | 69 | 63 | 59 | 51 | 41 | 42 | 47 | 44 | 59.3 |
| HIGH POINT PARK | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAMBERTVILLE | MAX | 94 | 88 | 90 | 88 | 92 | 86 | 94 | 92 | 90 | 91 | 85 | 82 | 82 | 85 | 85 | 84 | 90 | 87 | 81 | 91 | 90 | 92 | 89 | 92 | 95 | 91 | 78 | 76 | 78 | 79 | 83 | 87.0 |
| | MIN | 72 | 70 | 70 | 72 | 67 | 67 | 71 | 66 | 69 | 71 | 59 | 49 | 54 | 67 | 61 | 54 | 72 | 66 | 64 | 66 | 70 | 61 | 72 | 70 | 70 | 61 | 51 | 47 | 47 | 48 | 47 | 62.9 |
| LAYTON 2 | MAX | 82 | 81 | 84 | 85 | 85 | 86 | 79 | 90 | 90 | 86 | 86 | 75 | 79 | 80 | 87 | 81 | 71 | 87 | 85 | 74 | 87 | 86 | 83 | 85 | 88 | 89 | 75 | 73 | 72 | 74 | 75 | 81.9 |
| | MIN | 60 | 63 | 60 | 63 | 63 | 61 | 65 | 65 | 60 | 64 | 54 | 45 | 48 | 49 | 52 | 47 | 50 | 61 | 55 | 58 | 63 | 56 | 58 | 68 | 67 | 57 | 49 | 44 | 44 | 45 | 45 | 56.0 |
| LITTLE FALLS | MAX | 83 | 91 | 88 | 90 | 87 | 89 | 86 | 92 | 92 | 91 | 90 | 77 | 82 | 83 | 88 | 85 | 80 | 90 | 81 | 77 | 92 | 90 | 89 | 83 | 89 | 94 | 80 | 76 | 77 | 77 | 79 | 85.4 |
| | MIN | 68 | 66 | 67 | 69 | 68 | 65 | 68 | 68 | 68 | 70 | 60 | 52 | 55 | 64 | 64 | 53 | 67 | 67 | 62 | 66 | 70 | 63 | 70 | 69 | 70 | 65 | 57 | 49 | 53 | 57 | 49 | 63.1 |
| LONG VALLEY | MAX | 81 | 87 | 84 | 86 | 84 | 85 | 80 | 89 | 90 | 84 | 85 | 75 | 79 | 79 | 84 | 83 | 72 | 85 | 82 | 74 | 87 | 87 | 87 | 84 | 87 | 88 | 76 | 72 | 71 | 75 | 75 | 81.8 |
| | MIN | 55 | 62 | 62 | 63 | 63 | 63 | 65 | 61 | 61 | 61 | 50 | 42 | 41 | 44 | 56 | 45 | 44 | 65 | 59 | 60 | 62 | 56 | 55 | 64 | 66 | 55 | 50 | 42 | 44 | 45 | 41 | 54.9 |
| MORRIS PLAINS 1 W | MAX | 81 | 88 | 85 | 87 | 86 | 86 | 82 | 92 | 91 | 89 | 88 | 75 | 79 | 81 | 86 | 83 | 77 | 89 | 82 | 76 | 90 | 87 | 89 | 82 | 89 | 91 | 79 | 73 | 73 | 75 | 77 | 83.5 |
| | MIN | 59 | 66 | 66 | 68 | 64 | 63 | 65 | 64 | 65 | 68 | 56 | 47 | 50 | 53 | 60 | 49 | 53 | 66 | 60 | 64 | 68 | 59 | 68 | 68 | 68 | 59 | 54 | 46 | 53 | 52 | 46 | 59.6 |
| NEWARK WB AIRPORT | MAX | 93 | 88 | 88 | 89 | 86 | 85 | 94 | 93 | 91 | 91 | 77 | 81 | 84 | 88 | 86 | 80 | 91 | 82 | 78 | 94 | 91 | 88 | 81 | 89 | 95 | 81 | 76 | 77 | 78 | 81 | 81 | 85.7 |
| | MIN | 71 | 71 | 73 | 75 | 72 | 71 | 75 | 73 | 74 | 73 | 63 | 59 | 61 | 70 | 68 | 63 | 75 | 70 | 67 | 72 | 74 | 69 | 71 | 72 | 73 | 63 | 60 | 55 | 59 | 60 | 56 | 68.0 |
| NEWTON | MAX | 85 | 85 | 86 | 89 | 85 | 88 | 81 | 91 | 92 | 92 | 88 | 75 | 80 | 83 | 87 | 83 | 77 | 89 | 83 | 76 | 89 | 87 | 88 | 86 | 92 | 90 | 76 | 72 | 73 | 75 | 76 | 83.8 |
| | MIN | 58 | 60 | 63 | 66 | 58 | 58 | 64 | 62 | 61 | 69 | 53 | 41 | 44 | 52 | 52 | 43 | 55 | 67 | 56 | 58 | 65 | 54 | 62 | 66 | 68 | 54 | 47 | 40 | 38 | 45 | 52 | 55.8 |
| PATERSON | MAX | 86 | 93 | 83 | 90 | 88 | 89 | 82 | 96 | 93 | 94 | 95 | 78 | 85 | 85 | 89 | 86 | 81 | 91 | 83 | 76 | 94 | 90 | 90 | | | | | | | | | 87.6 |
| | MIN | 72 | 68 | 69 | 70 | 69 | 68 | 72 | 69 | 72 | 75 | 60 | 54 | 60 | 58 | 65 | 58 | 67 | 70 | 62 | 64 | 72 | 72 | 72 | | | | | | | | | 66.9 |
| PHILLIPSBURG | MAX | 91 | 91 | 90 | 90 | 91 | 91 | 94 | 91 | 92 | 91 | 88 | 78 | 82 | 86 | 86 | 86 | 88 | 87 | 87 | 90 | 89 | 90 | 92 | 92 | 92 | 92 | 80 | 76 | 76 | 79 | 80 | 87.4 |
| | MIN | 72 | 67 | 67 | 69 | 70 | 78 | 69 | 65 | 67 | 68 | 56 | 47 | 50 | 64 | 61 | 52 | 69 | 64 | 64 | 65 | 69 | 61 | 71 | 70 | 68 | 60 | 51 | 45 | 47 | 51 | 52 | 62.2 |
| PLAINFIELD | MAX | 94 | 87 | 89 | 88 | 89 | 84 | 94 | 94 | 91 | 91 | 79 | 82 | 85 | 88 | 86 | 79 | 90 | 82 | 78 | 92 | 90 | 90 | 83 | 88 | 94 | 81 | 76 | 76 | 78 | 79 | 81 | 85.7 |
| | MIN | 72 | 69 | 71 | 71 | 68 | 66 | 71 | 65 | 69 | 70 | 59 | 50 | 53 | 64 | 60 | 53 | 71 | 67 | 61 | 68 | 68 | 62 | 70 | 69 | 69 | 62 | 54 | 48 | 54 | 54 | 49 | 63.1 |
| SOMERVILLE | MAX | 93 | 87 | 90 | 87 | 90 | 85 | 94 | 92 | 89 | 88 | 83 | 81 | 82 | 85 | 85 | 80 | 90 | 84 | 77 | 92 | 89 | 89 | 85 | 89 | 93 | 86 | 77 | 76 | 78 | 79 | 81 | 85.7 |
| | MIN | 71 | 64 | 67 | 71 | 67 | 65 | 69 | 65 | 66 | 69 | 58 | 49 | 52 | 64 | 61 | 53 | 70 | 65 | 63 | 68 | 68 | 61 | 61 | 69 | 68 | 61 | 52 | 47 | 54 | 53 | 48 | 61.9 |
| SUSSEX 1 SE | MAX | 84 | 85 | 83 | 85 | 85 | 87 | 78 | 89 | 90 | 88 | 86 | 74 | 78 | 85 | 86 | 81 | 76 | 90 | 80 | 75 | 84 | 86 | 87 | 83 | 89 | 89 | 77 | 73 | 73 | 75 | 77 | 82.5 |
| | MIN | 57 | 59 | 57 | 62 | 54 | 52 | 61 | 59 | 60 | 64 | 47 | 41 | 44 | 45 | 50 | 42 | 47 | 57 | 50 | 55 | 62 | 54 | 56 | 62 | 65 | 54 | 47 | 39 | 39 | 44 | 39 | 52.4 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 93 | 88 | 86 | 90 | 85 | 84 | 93 | 89 | 90 | 90 | 76 | 77 | 80 | 86 | 83 | 83 | 94 | 81 | 79 | 91 | 93 | 84 | 87 | 85 | 97 | 83 | 75 | 74 | 74 | 77 | 78 | 84.7 |
| | MIN | 72 | 72 | 72 | 72 | 69 | 69 | 73 | 69 | 70 | 72 | 52 | 48 | 55 | 67 | 61 | 58 | 73 | 65 | 62 | 71 | 65 | 63 | 70 | 67 | 72 | 56 | 49 | 49 | 49 | 46 | 46 | 63.0 |
| AUDUBON | MAX | 94 | 86 | 89 | 90 | 90 | 88 | 94 | 94 | 91 | 95 | 80 | 85 | 85 | 86 | 87 | 84 | 95 | 89 | 83 | 94 | 93 | 93 | 92 | 92 | 97 | 84 | 78 | 77 | 80 | 81 | 84 | 87.9 |
| | MIN | 71 | 72 | 71 | 68 | 73 | 72 | 73 | 72 | 75 | 74 | 59 | 53 | 57 | 69 | 64 | 59 | 72 | 68 | 65 | 69 | 72 | 66 | 71 | 70 | 71 | 66 | 58 | 52 | 53 | 51 | 51 | 65.7 |
| BELLEPLAIN ST FOREST | MAX | 96 | 95 | 87 | 90 | 90 | 87 | 95 | 94 | 90 | 92 | 90 | 85 | 84 | 87 | 88 | 88 | 95 | 91 | 82 | 92 | 95 | 95 | 90 | 88 | 98 | 95 | 81 | 75 | 78 | 79 | 81 | 88.8 |
| | MIN | 70 | 72 | 72 | 71 | 70 | 69 | 72 | 68 | 68 | 73 | 60 | 44 | 53 | 64 | 65 | 55 | 72 | 66 | 61 | 68 | 73 | 62 | 75 | 66 | 68 | 62 | 48 | 49 | 51 | 45 | 44 | 63.1 |
| BURLINGTON | MAX | 95 | 86 | 90 | 90 | 91 | 90 | 96 | 95 | 94 | 93 | 88 | 87 | 85 | 88 | 85 | 85 | 92 | 82 | 80 | 94 | 93 | 94 | 89 | 93 | 97 | 96 | 79 | 75 | 77 | 78 | 82 | 88.5 |
| | MIN | 72 | 66 | 73 | 67 | 76 | 73 | 67 | 75 | 73 | 76 | 54 | 57 | 60 | 68 | 68 | 61 | 70 | 72 | 65 | 67 | 72 | 69 | 73 | 70 | 72 | 69 | 56 | 54 | 56 | 56 | 52 | 66.4 |
| CHATSWORTH | MAX | 94 | 89 | 87 | 89 | 88 | 86 | 94 | 93 | 90 | 89 | 86 | 83 | 82 | 87 | 85 | 85 | 95 | 88 | 82 | 93 | 93 | 90 | 88 | 89 | 96 | 96 | 81 | 75 | 77 | 80 | 82 | 87.5 |
| | MIN | 70 | 70 | 72 | 72 | 69 | 70 | 73 | 67 | 68 | 72 | 60 | 45 | 52 | 64 | 63 | 52 | 70 | 66 | 60 | 68 | 73 | 60 | 70 | 66 | 69 | 65 | 52 | 48 | 52 | 46 | 44 | 62.8 |
| FREEHOLD | MAX | 81 | 92 | 85 | 87 | 88 | 84 | 85 | 92 | 89 | 89 | 89 | 75 | 79 | 82 | 84 | 82 | 81 | 91 | 80 | 75 | 92 | 88 | 88 | 79 | 87 | 92 | 80 | 74 | 74 | 75 | 77 | 83.7 |
| | MIN | 69 | 70 | 69 | 70 | 67 | 64 | 71 | 66 | 69 | 72 | 58 | 49 | 56 | 64 | 63 | 54 | 67 | 67 | 58 | 66 | 71 | 60 | 68 | 66 | 70 | 63 | 51 | 48 | 54 | 48 | 48 | 62.5 |
| GLASSBORO | MAX | 85 | 95 | 88 | 89 | 91 | 91 | 86 | 95 | 94 | 89 | 90 | 78 | 82 | 84 | 86 | 86 | 87 | 94 | 88 | 83 | 94 | 94 | 94 | 90 | 91 | 96 | 81 | 78 | 76 | 78 | 78 | 87.5 |
| | MIN | 69 | 72 | 71 | 70 | 68 | 70 | 71 | 68 | 71 | 74 | 60 | 53 | 57 | 65 | 66 | 56 | 68 | 60 | 61 | 66 | 63 | 65 | 71 | 66 | 71 | 65 | 56 | 51 | 59 | 48 | 48 | 63.8 |
| HAMMONTON 2 NNE | MAX | 85 | 95 | 90 | 91 | 92 | 92 | 88 | 95 | 94 | 92 | 95 | 78 | 83 | 85 | 87 | 87 | 86 | 95 | 84 | 81 | 94 | 94 | 94 | 90 | 92 | 99 | 85 | 78 | 75 | 78 | 80 | 88.2 |
| | MIN | 69 | 72 | 72 | 63 | 72 | 70 | 72 | 69 | 72 | 74 | 61 | 53 | 59 | 67 | 66 | 60 | 67 | 69 | 62 | 66 | 74 | 66 | 74 | 67 | 70 | 65 | 54 | 51 | 54 | 51 | 50 | 64.9 |
| HIGHTSTOWN 1 N | MAX | 93 | 86 | 88 | 87 | 87 | 84 | 92 | 89 | 89 | 90 | 79 | 80 | 85 | 84 | 83 | 79 | 90 | 81 | 77 | 91 | 88 | 89 | 82 | 89 | 93 | 84 | 74 | 73 | 75 | 77 | 80 | 84.4 |
| | MIN | 71 | 70 | 70 | 74 | 67 | 66 | 72 | 67 | 70 | 71 | 58 | 50 | 56 | 65 | 62 | 54 | 71 | 66 | 60 | 67 | 72 | 62 | 70 | 67 | 70 | 63 | 52 | 49 | 53 | 51 | 49 | 63.4 |
| INDIAN MILLS 2 W | MAX | 93 | 86 | 87 | 89 | 91 | 86 | 93 | 92 | 90 | 91 | 80 | 82 | 82 | 85 | 85 | 84 | 93 | 85 | 80 | 93 | 91 | 92 | 88 | 89 | 95 | 83 | 75 | 75 | 77 | 79 | 81 | 86.2 |
| | MIN | 69 | 69 | 70 | 71 | 67 | 68 | 70 | 65 | 67 | 71 | 59 | 43 | 49 | 62 | 62 | 52 | 70 | 64 | 58 | 66 | 70 | 58 | 70 | 64 | 68 | 58 | 46 | 42 | 50 | 41 | 41 | 60.6 |
| MILLVILLE | MAX | 87 | 95 | 90 | 87 | 90 | 91 | 87 | 92 | 93 | 90 | 90 | 78 | 83 | 84 | 85 | 86 | 86 | 93 | 87 | 85 | 92 | 93 | 92 | 92 | 90 | 95 | 82 | 77 | 76 | 80 | 80 | 87.4 |
| | MIN | 72 | 72 | 72 | 70 | 69 | 66 | 74 | 69 | 70 | 76 | 60 | 51 | 57 | 68 | 67 | 59 | 72 | 68 | 63 | 69 | 75 | 64 | 76 | 69 | 70 | 66 | 55 | 50 | 52 | 49 | 49 | 65.1 |
| MILLVILLE FAA AIRPORT | MAX | 94 | 87 | 87 | 89 | 91 | 87 | 92 | 91 | 89 | 90 | 76 | 80 | 82 | 83 | 86 | 83 | 93 | 84 | 80 | 92 | 93 | 87 | 90 | 87 | 96 | 80 | 75 | 73 | 77 | 78 | 78 | 85.5 |
| | MIN | 73 | 73 | 73 | 71 | 72 | 71 | 74 | 71 | 71 | 73 | 57 | 52 | 57 | 70 | 63 | 61 | 74 | 67 | 65 | 70 | 70 | 67 | 71 | 70 | 71 | 59 | 53 | 52 | 54 | 53 | 49 | 65.4 |
| MOORESTOWN | MAX | 95 | 86 | 90 | 90 | 91 | 87 | 95 | 94 | 91 | 92 | 78 | 84 | 84 | 86 | 87 | 84 | 94 | 82 | 83 | 93 | 93 | 94 | 90 | 92 | 98 | 82 | 77 | 75 | 77 | 80 | 83 | 87.3 |
| | MIN | 63 | 70 | 75 | 75 | 70 | 70 | 72 | 68 | 73 | 74 | 64 | 50 | 57 | 65 | 60 | 57 | 72 | 67 | 65 | 69 | 67 | 64 | 69 | 70 | 72 | 66 | 56 | 48 | 53 | 48 | 48 | 64.4 |
| NEW MONMOUTH | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

NEW JERSEY
AUGUST 1968

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | MAX | 81 | 93 | 87 | 87 | 86 | 85 | 85 | 93 | 88 | 88 | 87 | 75 | 78 | 78 | 83 | 83 | 81 | 90 | 80 | 76 | 90 | 87 | 88 | 82 | 83 | 92 | 79 | 74 | 73 | 75 | 77 | 83.4 |
| | MIN | 68 | 69 | 70 | 73 | 68 | 67 | 67 | 68 | 70 | 69 | 60 | 53 | 52 | 64 | 64 | 55 | 67 | 68 | 61 | 66 | 71 | 62 | 69 | 68 | 67 | 65 | 55 | 50 | 55 | 60 | 51 | 63.6 |
| PEMBERTON 3 E | MAX | 94 | 86 | 90 | 89 | 90 | 87 | 94 | 81 | 91 | 91 | 86 | 82 | 82 | 86 | 86 | 86 | 97 | 83 | 79 | 93 | 90 | 90 | 86 | 89 | 95 | 92 | 77 | 75 | 77 | 80 | 83 | 86.7 |
| | MIN | 69 | 70 | 72 | 72 | 69 | 68 | 69 | 66 | 70 | 71 | 60 | 47 | 52 | 64 | 62 | 53 | 71 | 65 | 62 | 68 | 72 | 62 | 70 | 66 | 69 | 63 | 49 | 47 | 49 | 46 | 45 | 62.5 |
| SEABROOK FARMS | MAX | 84 | 93 | 86 | 88 | 89 | 89 | 86 | 91 | 90 | 89 | 89 | 77 | 80 | 82 | 82 | 84 | 86 | 92 | 87 | 82 | 92 | 92 | 90 | 91 | 88 | 95 | 79 | 75 | 74 | 77 | 79 | 85.7 |
| | MIN | 70 | 72 | 71 | 74 | 72 | 70 | 73 | 70 | 73 | 70 | 62 | 53 | 60 | 69 | 67 | 60 | 67 | 68 | 65 | 68 | 74 | 66 | 72 | 69 | 72 | 65 | 54 | 53 | 55 | 52 | 50 | 65.7 |
| SHILOH | MAX | 93 | 92 | 87 | 90 | 90 | 87 | 93 | 92 | 91 | 90 | 76 | 81 | 81 | 82 | 84 | 85 | 83 | 88 | 82 | 93 | 93 | 93 | 93 | 92 | 95 | 95 | 79 | 75 | 80 | 80 | 80 | 86.9 |
| | MIN | 72 | 71 | 71 | 73 | 71 | 70 | 74 | 70 | 71 | 70 | 60 | 53 | 61 | 68 | 66 | 61 | 72 | 70 | 65 | 69 | 76 | 65 | 75 | 69 | 70 | 66 | 54 | 50 | 52 | 52 | 51 | 65.7 |
| TOMS RIVER | MAX | 83 | 94 | 87 | 89 | 89 | 86 | 87 | 94 | 89 | 93 | 89 | 78 | 80 | 82 | 87 | 84 | 85 | 94 | 80 | 79 | 94 | 90 | 85 | 80 | 90 | 95 | 81 | 76 | 73 | 74 | 78 | 85.3 |
| | MIN | 69 | 71 | 71 | 71 | 69 | 70 | 73 | 75 | 70 | 73 | 62 | 49 | 55 | 59 | 63 | 53 | 72 | 68 | 59 | 68 | 73 | 60 | 68 | 67 | 69 | 65 | 55 | 49 | 55 | 47 | 48 | 63.7 |
| TRENTON WB CITY | MAX | 92 | 86 | 88 | 87 | 89 | 85 | 92 | 91 | 90 | 89 | 76 | 80 | 81 | 85 | 83 | 80 | 90 | 82 | 78 | 91 | 89 | 90 | 85 | 88 | 94 | 79 | 75 | 74 | 75 | 77 | 80 | 84.5 |
| | MIN | 71 | 71 | 71 | 75 | 70 | 69 | 70 | 71 | 75 | 71 | 62 | 57 | 63 | 68 | 67 | 62 | 73 | 69 | 65 | 70 | 74 | 69 | 70 | 71 | 72 | 63 | 57 | 55 | 56 | 58 | 56 | 66.8 |
| TUCKERTON | MAX | 91 | 86 | 84 | 92 | 87 | 85 | 95 | 88 | 91 | 90 | 83 | 80 | 81 | 89 | 83 | 83 | 95 | 80 | 78 | 94 | 94 | 90 | 83 | 85 | 98 | 85 | 77 | 74 | 76 | 79 | 82 | 85.7 |
| | MIN | 72 | 71 | 70 | 72 | 70 | 71 | 74 | 68 | 70 | 74 | 60 | 49 | 56 | 67 | 66 | 56 | 73 | 68 | 61 | 70 | 74 | 62 | 74 | 67 | 72 | 67 | 52 | 50 | 54 | 47 | 51 | 64.8 |
| WOODSTOWN | MAX | 95 | 87 | 90 | 91 | 92 | 88 | 95 | 94 | 92 | 92 | 85 | 82 | 84 | 85 | 87 | 87 | 94 | 93 | 89 | 94 | 94 | 93 | 93 | 90 | 95 | 94 | 80 | 75 | 78 | 79 | 82 | 88.7 |
| | MIN | 68 | 72 | 73 | 74 | 71 | 69 | 73 | 67 | 70 | 74 | 62 | 51 | 55 | 68 | 66 | 58 | 71 | 69 | 64 | 69 | 71 | 64 | 77 | 69 | 71 | 62 | 51 | 50 | 53 | 48 | 48 | 64.8 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 83 | 81 | 82 | 91 | 84 | 80 | 94 | 89 | 83 | 90 | 79 | 78 | 77 | 85 | 81 | 80 | 88 | 81 | 78 | 84 | 93 | 82 | 87 | 81 | 94 | 83 | 75 | 74 | 74 | 76 | 78 | 82.7 |
| | MIN | 75 | 73 | 73 | 73 | 73 | 72 | 77 | 74 | 76 | 75 | 65 | 62 | 68 | 73 | 70 | 68 | 75 | 72 | 71 | 74 | 75 | 69 | 72 | 72 | 76 | 64 | 59 | 58 | 60 | 57 | 60 | 69.7 |
| CAPE MAY 3 W | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2 N | MAX | 92 | 84 | 81 | 87 | 84 | 83 | 92 | 87 | 90 | 88 | 82 | 77 | 79 | 84 | 84 | 78 | 90 | 80 | 75 | 92 | 89 | 87 | 77 | 82 | 93 | 90 | 76 | 73 | 76 | 78 | 78 | 83.5 |
| | MIN | 72 | 72 | 70 | 74 | 72 | 71 | 74 | 72 | 73 | 74 | 65 | 58 | 61 | 68 | 68 | 61 | 73 | 71 | 63 | 70 | 75 | 67 | 70 | 70 | 73 | 69 | 58 | 57 | 61 | 59 | 57 | 67.7 |

# EVAPORATION AND WIND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | EVAP | .10 | .28 | .10 | .19 | .10 | .23 | .00 | .19 | .31 | .08 | .11 | .14 | .22 | .56 | .46 | - | .32 | .19 | .08 | .11 | .13 | .25 | .27 | .16 | .09 | .18 | .20 | .14 | .13 | .16 | .21 | 5.888 |
| | WIND | 35 | 14 | 9 | 9 | 2 | 31 | 2 | 13 | 12 | 8 | 22 | 19 | 13 | 9 | 14 | 16 | 8 | 14 | 14 | 12 | 15 | 29 | 13 | 15 | 8 | 19 | 29 | 19 | 4 | 34 | 16 | 477 |
| | MAX | 83 | 96 | 93 | 95 | 90 | 93 | 93 | 96 | 92 | 100 | 102 | 88 | 90 | 87 | 89 | 90 | 75 | 78 | 90 | 77 | 94 | 94 | 94 | 88 | 90 | 97 | 80 | 87 | 80 | 83 | 83 | 89.3 |
| | MIN | 65 | 72 | 72 | 72 | 73 | 56 | 68 | 58 | 72 | 73 | 63 | 56 | 57 | 58 | 63 | 62 | 62 | 64 | 54 | 67 | 70 | 67 | 68 | 72 | 68 | 71 | 59 | 50 | 55 | 57 | 45 | 63.5 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | EVAP | .09 | .42 | .27 | .20 | .20 | .29 | .21 | .27 | .29 | - | .28 | .27 | .24 | .08 | .35 | .28 | .04 | .41 | .14 | .12 | .22 | .35 | .43 | .21 | .16 | .25 | .32 | .29 | .13 | .21 | .22 | 7.488 |
| | WIND | 83 | 82 | 49 | 50 | 49 | 52 | 69 | 53 | 51 | 68 | 74 | 31 | 43 | 79 | 65 | 35 | 45 | 61 | 29 | 50 | 93 | 59 | 58 | 61 | 59 | 68 | 77 | 53 | 38 | 34 | 36 | 1748 |
| | MAX | 86 | 92 | 91 | 95 | 88 | 90 | 81 | 81 | 95 | 90 | 90 | 84 | 86 | 87 | 84 | 88 | 85 | 90 | 84 | 78 | 90 | 91 | 92 | 89 | 92 | 92 | 84 | 84 | 78 | 83 | 81 | 87.1 |
| | MIN | 59 | 62 | 72 | 76 | 72 | 70 | 69 | 69 | 69 | 71 | 63 | 60 | 60 | 59 | 65 | 63 | 65 | 70 | 67 | 67 | 67 | 67 | 68 | 68 | 68 | 68 | 56 | 55 | 55 | 57 | 57 | 65.0 |
| PEMBERTON 3 E | EVAP | .18 | .16 | .16 | .19 | .18 | .15 | .11 | .21 | .18 | .14 | .22 | .15 | .08 | .21 | .17 | .19 | .08 | .17 | .10 | .13 | .21 | .17 | .11 | .20 | .17 | .22 | .11 | .12 | .15 | .14 | .18 | 4.94 |
| | WIND | 20 | 2 | 10 | 7 | 12 | 12 | 17 | 6 | 5 | 6 | 15 | 8 | 7 | 6 | 5 | 6 | 8 | 12 | 25 | 6 | 16 | 11 | 14 | 4 | 7 | 11 | 9 | 10 | 20 | 13 | 7 | 317 |
| SEABROOK FARMS | EVAP | .14 | .23 | .24 | * | .51 | .30 | .17 | .26 | .23 | .14 | * | .25 | .22 | .26 | .12 | .29 | .13 | * | .45 | .21 | .26 | .39 | .27 | .24 | * | .53 | .30 | .22 | .16 | .25 | .20 | 6.97 |
| | WIND | 67 | 62 | 30 | * | 71 | 38 | 42 | 33 | 29 | 51 | * | 87 | 21 | 68 | 36 | 25 | 50 | * | 85 | 49 | 74 | 47 | 59 | 50 | * | 85 | 45 | 36 | 37 | 41 | 29 | 1347 |
| | MAX | 85 | 94 | 92 | - | 95 | 97 | 91 | 93 | 99 | 92 | - | 95 | 90 | 88 | 85 | 91 | 87 | - | 95 | 84 | 96 | 93 | 94 | 92 | - | 97 | 85 | 81 | 76 | 83 | 82 | 90.1 |
| | MIN | 65 | 73 | 73 | - | 72 | 72 | 72 | 72 | 73 | 74 | - | 60 | 60 | 64 | 68 | 66 | 66 | - | 67 | 66 | 70 | 69 | 68 | 70 | - | 68 | 58 | 55 | 54 | 55 | 57 | 66.2 |

# DAILY SOIL TEMPERATURES

NEW JERSEY
AUGUST 1968

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 80 | 84 | 85 | 85 | 84 | 83 | 85 | 86 | 83 | 83 | 80 | 79 | 78 | 79 | - | - | 90 | 83 | 81 | 91 | 90 | 92 | 88 | 91 | 93 | 84 | 81 | 79 | 82 | 82 | 81 | 84.2 |
| | MIN | 73 | 73 | 71 | 76 | 75 | 72 | 75 | 74 | 76 | 75 | 74 | 70 | 71 | 73 | - | - | 73 | 70 | 72 | 71 | 73 | 72 | 75 | 75 | 73 | 65 | 64 | 60 | 62 | 61 | 62 | 70.9 |
| 2 INCHES | MAX | 81 | 81 | 83 | 80 | 82 | 79 | 83 | 84 | 81 | 81 | 79 | 78 | 77 | 77 | - | - | 84 | 82 | 78 | 84 | 82 | 87 | 83 | 86 | 85 | 80 | 76 | 75 | 77 | 77 | 75 | 80.6 |
| | MIN | 73 | 73 | 72 | 75 | 76 | 74 | 74 | 75 | 76 | 76 | 73 | 71 | 72 | 73 | - | - | 74 | 72 | 72 | 72 | 76 | 72 | 75 | 75 | 76 | 68 | 67 | 63 | 64 | 65 | 65 | 72.0 |
| 4 INCHES | MAX | 77 | 79 | 81 | 77 | 80 | 78 | 80 | 82 | 80 | 80 | 78 | 77 | 76 | 75 | - | - | 80 | 80 | 75 | 82 | 82 | 84 | 82 | 82 | 83 | 79 | 74 | 73 | 75 | 75 | 74 | 78.6 |
| | MIN | 74 | 74 | 73 | 74 | 76 | 74 | 74 | 76 | 76 | 76 | 75 | 73 | 72 | 74 | - | - | 75 | 75 | 73 | 72 | 76 | 73 | 76 | 75 | 76 | 70 | 69 | 65 | 67 | 66 | 66 | 72.9 |
| 8 INCHES | MAX | 75 | 76 | 78 | 76 | 79 | 77 | 78 | 79 | 78 | 78 | 77 | 77 | 74 | 75 | - | - | 78 | 77 | 75 | 77 | 78 | 79 | 78 | 78 | 80 | 77 | 74 | 71 | 71 | 71 | 71 | 76.3 |
| | MIN | 73 | 74 | 74 | 76 | 74 | 73 | 76 | 76 | 76 | 76 | 77 | 74 | 74 | 74 | - | - | 76 | 75 | 74 | 73 | 76 | 75 | 76 | 76 | 76 | 74 | 71 | 69 | 69 | 69 | 69 | 74.0 |
| 20 INCHES | MAX | 72 | 73 | 74 | 74 | 74 | 74 | 74 | 75 | 75 | 75 | 75 | 75 | 74 | 74 | - | - | 73 | 73 | 73 | 73 | 74 | 74 | 74 | 74 | 75 | 75 | 74 | 72 | 71 | 71 | 71 | 73.6 |
| | MIN | 71 | 72 | 72 | 73 | 71 | 73 | 73 | 74 | 75 | 75 | 74 | 74 | 73 | 74 | - | - | 72 | 73 | 72 | 72 | 73 | 73 | 74 | 74 | 74 | 74 | 72 | 71 | 70 | 70 | 70 | 72.7 |
| 40 INCHES | MAX | 70 | 70 | 70 | 70 | 71 | 71 | 71 | 72 | 72 | 73 | 73 | 72 | 72 | 72 | - | - | 70 | 70 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 73 | 73 | 71 | 71 | 71 | 70 | 71.2 |
| | MIN | 70 | 69 | 69 | 69 | 70 | 70 | 71 | 71 | 72 | 72 | 72 | 71 | 72 | 72 | - | - | 70 | 70 | 70 | 70 | 70 | 70 | 71 | 71 | 71 | 71 | 71 | 71 | 70 | 70 | 70 | 70.6 |
| PLOT 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 90 | 93 | 95 | 85 | 98 | 85 | 88 | 98 | 93 | 92 | 87 | 90 | 90 | 88 | - | - | 95 | 90 | 83 | 95 | 92 | 98 | 92 | 95 | 96 | 89 | 84 | 85 | 89 | 88 | 87 | 90.8 |
| | MIN | 77 | 71 | 73 | 75 | 72 | 70 | 74 | 72 | 74 | 74 | 65 | 61 | 63 | 69 | - | - | 82 | 80 | 78 | 79 | 85 | 81 | 85 | 82 | 82 | 69 | 73 | 68 | 71 | 73 | 72 | 74.1 |
| 2 INCHES | MAX | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 87 | 83 | 78 | 86 | 85 | 92 | 86 | 88 | 89 | 82 | 78 | 78 | 80 | 80 | 80 | - |
| | MIN | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 73 | 72 | 71 | 71 | 75 | 71 | 76 | 74 | 74 | 67 | 63 | 59 | 60 | 61 | 61 | - |
| 4 INCHES | MAX | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 81 | 80 | 75 | 82 | 82 | 85 | 82 | 83 | 84 | 80 | 76 | 74 | 76 | 76 | 76 | - |
| | MIN | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 75 | 75 | 74 | 71 | 76 | 73 | 77 | 75 | 75 | 70 | 67 | 63 | 64 | 64 | 64 | - |
| 8 INCHES | MAX | 85 | 83 | 85 | 84 | 83 | 82 | 83 | 84 | 82 | 82 | 79 | 78 | 77 | 78 | - | - | 77 | 77 | 75 | 77 | 79 | 80 | 79 | 78 | 77 | 78 | 74 | 72 | 72 | 72 | 70 | 78.7 |
| | MIN | 75 | 74 | 75 | 76 | 76 | 73 | 75 | 76 | 78 | 77 | 75 | 71 | 71 | 73 | - | - | 74 | 74 | 74 | 72 | 76 | 75 | 77 | 76 | 76 | 74 | 71 | 68 | 68 | 70 | 68 | 73.7 |

MAX AND MIN TEMPERATURES ARE FOR THE 24 HOUR PERIOD ENDING AT MIDNIGHT.

PLOT #1 - SLOPE OF GROUND, FLAT. SOIL TYPE, LOAM. GROUND COVER, KENTUCKY BLUEGRASS. INSTRUMENTATION, COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

PLOT #2 - SLOPE OF GROUND, FLAT. SOIL TYPE, LOAM. GROUND COVER, BARREN. INSTRUMENTATION, BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES |  |  |  | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) |  |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 |  |  |  | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID |  | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P |  |  | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 |  | 9A |  | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P |  |  | BELLEPLAIN STATE FOREST |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 |  | 7A |  |  | WALTER J SCHANCK |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A |  | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 |  | 7A |  |  | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 |  | 7A |  |  | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A |  |  | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 |  | 7A |  |  | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P |  |  | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 |  | 8A |  |  | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A |  | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 |  | 9A |  |  | GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 58 | 10 | 5P | 5P |  | C | N.WEST MAGNESITE CO. |
| CEDAR GROVE | 1472 | 01 | ESSEX | 8 | 40 52 | 74 13 | 400 |  | 8A |  |  | CLOSED 7/3/68 |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 |  |  |  | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A |  | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P |  |  | EARL H. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 |  | 8A |  |  | ANDREW F DRORRE |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P |  |  | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A |  | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A |  | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 |  | 7A |  |  | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A |  | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A |  | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 |  | 7A |  |  | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A |  |  | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A |  |  | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P |  | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P |  | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID |  |  | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P |  | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A |  |  | CHARLES KOONS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A |  | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 N | 4987 | 03 | MONMOUTH | 1 | 40 20 | 74 00 | 10 | 6P | 6P |  | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A |  | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 |  |  |  | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 |  | 7A |  |  | ROBERT G. GLASGOW |
| MANVILLE | 5197 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | JOHN L. RADCLIFFE |
| MARLBORO SCS | 5244 | 02 | MONMOUTH | 1 | 40 20 | 74 14 | 120 |  |  |  | C | GEROW BRILL |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 |  |  |  | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 |  | 9A |  | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 |  | MID |  |  | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 9A | 9A |  | C H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID |  | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 |  | 7A |  |  | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A |  | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A |  | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 |  | 8A | 8A | 8A | C GH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 |  | MID |  | C | HACKENSACK WATER CO. |
| NEW MONMOUTH | 6154 | 02 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P |  |  | ST. MARYS SCHOOL |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A |  | C H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 |  | 8A |  |  | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A |  | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PENNSAUKEN | 6863 | 02 | CAMDEN | 2 | 39 57 | 75 04 | 60 |  | 9A |  |  | CAMDEN COUNTY PLNG BD. |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 3P | 3P |  | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 |  | 7A |  |  | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P |  | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 |  | 8A |  |  | MRS MARIUN GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 |  | MID |  |  | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 |  | MID |  | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 |  | 10A |  |  | NO. JERSEY WTR. SUPPLY |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P |  |  | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P |  | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 |  | 10A |  |  | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 |  |  |  | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A |  |  | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A |  |  | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P |  |  | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 |  | 8A |  | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 |  |  |  | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 |  | 7A |  |  | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 |  | 7A |  |  | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 |  | MID |  | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P |  |  | CREAM VALLEY DAIRY |
| CLOSED STATION |  |  |  |  |  |  |  |  |  |  |  |  |
| CEDAR GROVE | 1472 | 01 | ESSEX | 8 | 40 52 | 74 13 | 400 |  | 8A |  |  | CLOSED 7/3/68 |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7 00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL. Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES· Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING·

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

  No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data

* Amount included in following measurement, time distribution unknown.

/ Gage is equipped with a windshield

B Adjusted to a full month

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall

M One or more days of record missing, if average value is entered, less than 10 days record is missing See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month

R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table

H "Snowfall and Snow on Ground" table Omission of data in any month indicates no snowfall and/or snow on ground in that month

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset

VAR This entry in time of observation column in Station Index means variable

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above

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Subscription Price· 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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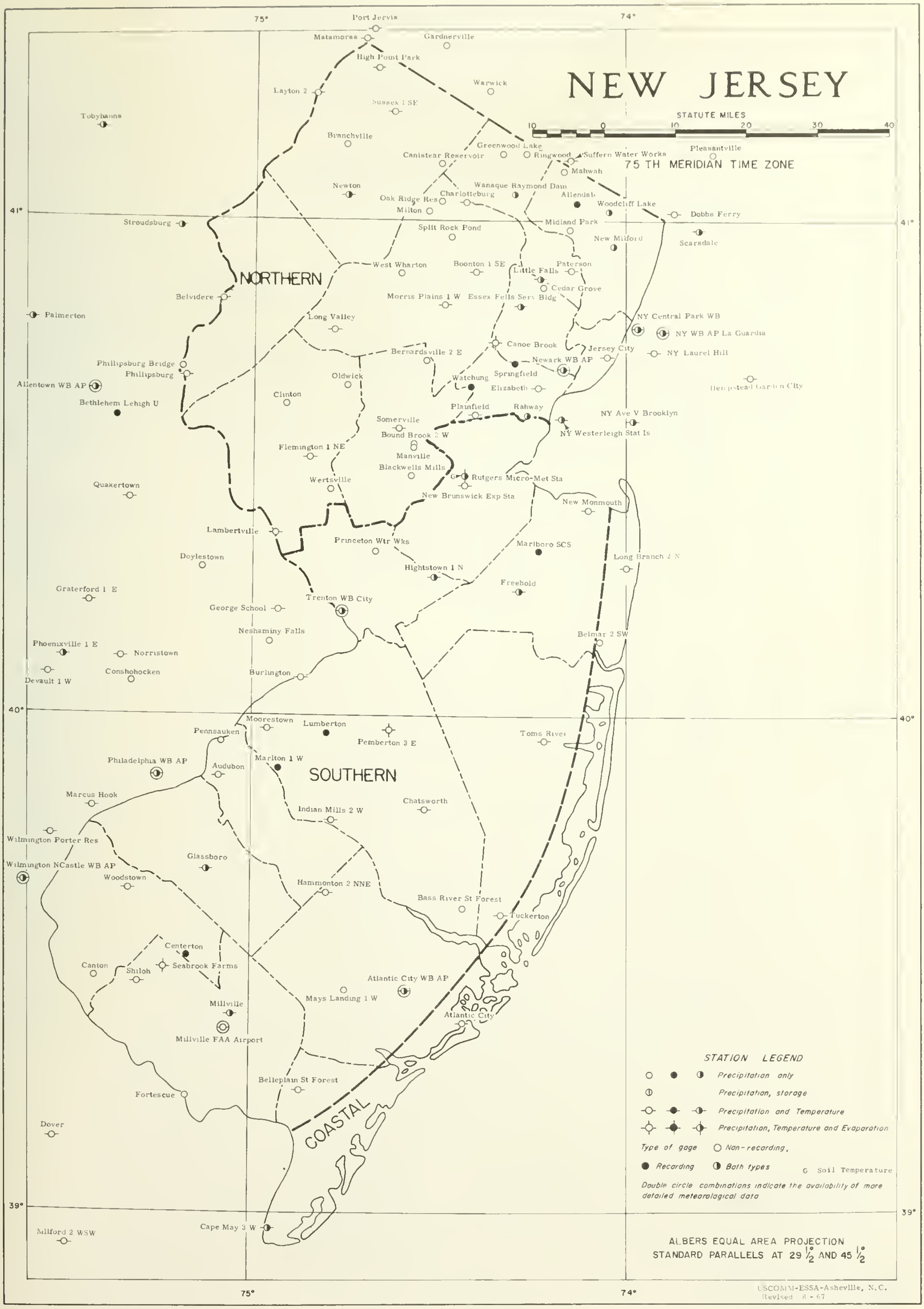

USCOMM-ESSA-Asheville, N.C.
Revised 8 - 67

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C. R. SMITH, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
SEPTEMBER 1968
Volume 73 No. 9

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | No. of Days Max. 90° or Above | No. of Days Max. 32° or Below | No. of Days Min. 32° or Below | No. of Days Min. 0° or Below | Total | Departure From Normal | Greatest Day | Date | Snow, Sleet Total | Snow, Sleet Max. Depth on Ground | Snow, Sleet Date | No. of Days .10 or More | No. of Days .50 or More | No. of Days 1.00 or More |
| * * *<br>NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIOERE | 77.5 | 50.9 | 64.2 | - 1.8 | 86 | 26+ | 42 | 29 | 54 | 0 | 0 | 0 | 0 | 3.22 | - .65 | 1.82 | 11 | .0 | 0 | | 5 | 2 | 1 |
| BOONTON 1 SE | 78.3 | 52.1 | 65.2 | 1.7 | 86 | 23 | 43 | 30 | 44 | 0 | 0 | 0 | 0 | 2.93 | - 1.42 | 1.22 | 11 | .0 | 0 | | 3 | 3 | 1 |
| CANOE BROOK | 79.5 | 52.1 | 65.8 | 1.6 | 88 | 26+ | 41 | 30+ | 42 | 0 | 0 | 0 | 0 | 2.79 | - 1.53 | 1.07 | 3 | .0 | 0 | | 3 | 3 | 1 |
| CHARLOTTEBURG | 76.7 | 49.8 | 63.3 | .9 | 85 | 23 | 40 | 30+ | 75 | 0 | 0 | 0 | 0 | 4.19 | - .22 | 1.58 | 11 | .0 | 0 | | 3 | 3 | 3 |
| ELIZABETH | 82.2 | 57.2 | 69.7 | 2.5 | 90 | 22 | 47 | 30 | 7 | 1 | 0 | 0 | 0 | .70 | - 3.64 | .40 | 6 | .0 | 0 | | 2 | 0 | 0 |
| ESSEX FELLS SERV BLOG | 78.2 | 53.3 | 65.8 | | 86 | 26 | 42 | 30 | 36 | 0 | 0 | 0 | 0 | 2.24 | | .92 | 3 | .0 | 0 | | 3 | 3 | 0 |
| FLEMINGTON 1 NE | 80.0 | 50.1 | 65.1 | - 1.5 | 89 | 26+ | 36 | 29 | 57 | 0 | 0 | 0 | 0 | 1.45 | - 2.14 | .91 | 11 | .0 | 0 | | 3 | 1 | 0 |
| HIGH POINT PARK | 71.5 | 51.3 | 61.4 | | 85 | 18 | 40 | 30 | 117 | 0 | 0 | 0 | 0 | 2.14 | | 1.16 | 11 | .0 | 0 | | 5 | 2 | 1 |
| JERSEY CITY | 77.9 | 61.4 | 69.7 | 2.8 | 89 | 22 | 52 | 29 | 7 | 0 | 0 | 0 | 0 | 2.19 | - 1.62 | .96 | 11 | .0 | 0 | | 3 | 2 | 0 |
| LAMBERTVILLE | 82.3 | 53.7 | 68.0 | 1.8 | 91 | 22 | 41 | 29 | 25 | 2 | 0 | 0 | 0 | 1.30 | - 1.99 | .72 | 11 | .0 | 0 | | 3 | 1 | 0 |
| LAYTON 2 | 76.8 | 50.3 | 63.6 | | 85 | 26+ | 39 | 30 | 69 | 0 | 0 | 0 | 0 | 2.17 | | .65 | 7 | .0 | 0 | | 4 | 3 | 0 |
| LITTLE FALLS | 79.4 | 55.9 | 67.7 | 1.9 | 88 | 23 | 45 | 30 | 19 | 0 | 0 | 0 | 0 | 3.16 | - 1.39 | .96 | 11 | .0 | 0 | | 5 | 3 | 0 |
| LONG VALLEY | 75.9 | 46.4 | 61.2 | | 84 | 26+ | 37 | 30 | 119 | 0 | 0 | 0 | 0 | 2.14 | - 1.78 | .78 | 7 | .0 | 0 | | 3 | 3 | 0 |
| MORRIS PLAINS 1 W | 77.8 | 51.3 | 64.6 | | 86 | 23 | 42 | 30 | 49 | 0 | 0 | 0 | 0 | 2.29 | | 1.10 | 11 | .0 | 0 | | 3 | 2 | 1 |
| NEWARK WB AIRPORT R | 79.9 | 61.5 | 70.7 | 3.4 | 90 | 25 | 51 | 30 | 6 | 1 | 0 | 0 | 0 | 2.48 | - 1.28 | 1.02 | 2 | .0 | 0 | | 4 | 2 | 1 |
| NEWTON | 77.8 | 48.8 | 63.3 | .3 | 86 | 26+ | 37 | 30 | 78 | 0 | 0 | 0 | 0 | 2.41 | - 1.58 | .87 | 11 | .0 | 0 | | 5 | 3 | 0 |
| PATERSON | 80.0M | 58.3M | 69.2M | 2.8 | 89 | 23 | 48 | 30 | 9 | 0 | 0 | 0 | 0 | 3.46 | - .75 | 1.36 | 3 | .0 | 0 | | 4 | 3 | 1 |
| PHILLIPSBURG | 82.1 | 52.7 | 67.4 | 1.9 | 89 | 25+ | 41 | 30+ | 22 | 0 | 0 | 0 | 0 | 2.38 | - 1.62 | 1.33 | 11 | .0 | 0 | | 3 | 2 | 1 |
| PLAINFIELO | 80.0 | 55.3 | 67.7 | 1.5 | 90 | 22 | 44 | 30 | 18 | 1 | 0 | 0 | 0 | 1.59 | - 2.74 | .71 | 11 | .0 | 0 | | 3 | 1 | 0 |
| SOMERVILLE | 80.0 | 53.8 | 66.9 | .9 | 88 | 25+ | 42 | 30 | 29 | 0 | 0 | 0 | 0 | 1.51 | - 2.26 | .91 | 11 | .0 | 0 | | 3 | 1 | 0 |
| SUSSEX 1 SE | 76.7 | M | M | | 86 | 23 | | | | | | | | 1.94 | - 1.98 | .84 | 11 | .0 | 0 | | 3 | 2 | 0 |
| OIVISION | | | 66.0 | 1.0 | | | | | | | | | | 2.32 | - 1.74 | | | .0 | | | | | |
| * * *<br>SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 79.6 | 53.3 | 66.5 | - .7 | 90 | 23 | 39 | 18 | 45 | 1 | 0 | 0 | 0 | .43 | - 2.88 | .19 | 6 | .0 | 0 | | 2 | 0 | 0 |
| AUDUBON | 83.2 | 57.4 | 70.3 | | 93 | 25 | 47 | 30+ | 7 | 4 | 0 | 0 | 0 | .70 | | .36 | 6 | .0 | 0 | | 3 | 0 | 0 |
| BELLEPLAIN ST FOREST | 80.8 | 53.5 | 67.2 | | 89 | 25 | 37 | 30 | 33 | 0 | 0 | 0 | 0 | 1.78 | - 2.08 | .96 | 6 | .0 | 0 | | 3 | 2 | 0 |
| BURLINGTON | 83.3M | 59.1M | 71.2M | 2.4 | | | 50 | 29 | 0 | | 0 | 0 | 0 | .33 | - 3.32 | .25 | 6 | .0 | 0 | | 1 | 0 | 0 |
| CHATSWORTH | 81.3 | 52.9 | 67.1 | | 92 | 25 | 37 | 30 | 39 | 3 | 0 | 0 | 0 | .79 | | .42 | 3 | .0 | 0 | | 4 | 0 | 0 |
| FREEHOLD | 78.8 | 54.6 | 66.7 | .2 | 89 | 26 | 43 | 30 | 34 | 0 | 0 | 0 | 0 | 1.54 | - 2.24 | .75 | 11 | .0 | 0 | | 3 | 2 | 0 |
| GLASSBORO | 82.4 | 55.0 | 68.7 | | 90 | 26+ | 44 | 30 | 15 | 2 | 0 | 0 | 0 | .59 | | .36 | 11 | .0 | 0 | | 2 | 0 | 0 |
| HAMMONTON 2 NNE | 83.1 | 56.0 | 69.6 | 1.9 | 93 | 24 | 46 | 30+ | 10 | 4 | 0 | 0 | 0 | .20 | - 3.57 | .18 | 3 | .0 | 0 | | 1 | 0 | 0 |
| HIGHTSTOWN 1 N | 78.6 | 54.6 | 66.6 | .4 | 88 | 25 | 43 | 29 | 32 | 0 | 0 | 0 | 0 | 2.11 | - 1.88 | 1.19 | 2 | .0 | 0 | | 3 | 2 | 1 |
| INDIAN MILLS 2 W | 80.7 | 50.4 | 65.6 | - .7 | 90 | 25 | 36 | 30+ | 56 | 1 | 0 | 0 | 0 | 1.11 | - 2.49 | .68 | 2 | .0 | 0 | | 3 | 1 | 0 |
| MILLVILLE | 82.3 | 55.4 | 68.9 | | 91 | 26 | 43 | 30+ | 20 | 1 | 0 | 0 | 0 | .41 | | .29 | 7 | .0 | 0 | | 1 | 0 | 0 |
| MILLVILLE FAA AIRPORT | 80.3 | 56.8 | 68.6 | | 88 | 25 | 43 | 30 | 14 | 0 | 0 | 0 | 0 | .60 | | .45 | 6 | .0 | 0 | | 1 | 0 | 0 |
| MOORESTOWN | 81.4 | 55.6 | 68.5 | 2.1 | 90 | 22 | 41 | 29 | 24 | 1 | 0 | 0 | 0 | .64 | - 3.11 | .28 | 7 | .0 | 0 | | 3 | 0 | 0 |
| NEW BRUNSWICK | 78.5 | 56.5 | 67.5 | | 87 | 26+ | 47 | 30 | 21 | 0 | 0 | 0 | 0 | 2.32 | | 1.02 | 3 | .0 | 0 | | 3 | 2 | 1 |
| NEW MONMOUTH | | | | | | | | | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | 81.7 | 52.4 | 67.1 | - .3 | 91 | 25 | 38 | 29 | 41 | 2 | 0 | 0 | 0 | 1.12 | - 2.65 | .81 | 3 | .0 | 0 | | 3 | 1 | 0 |
| SEABROOK FARMS | 80.8 | 56.9 | 68.9 | | 88 | 26+ | 44 | 30 | 13 | 0 | 0 | 0 | 0 | .64 | | .32 | 11 | .0 | 0 | | 2 | 0 | 0 |
| SHILOH | 82.2 | 57.2 | 69.7 | 1.7 | 89 | 25+ | 47 | 30+ | 6 | 0 | 0 | 0 | 0 | .67 | - 3.27 | .37 | 11 | .0 | 0 | | 2 | 0 | 0 |
| TOMS RIVER | 78.8 | 54.0 | 66.4 | | 90 | 26 | 41 | 30+ | 50 | 1 | 0 | 0 | 0 | 2.13 | | 1.43 | 11 | .0 | 0 | | 2 | 2 | 1 |
| TRENTON WB CITY R | 78.7 | 59.9 | 69.3 | 2.2 | 88 | 25+ | 51 | 30 | 9 | 0 | 0 | 0 | 0 | 1.19 | - 2.31 | .49 | 2 | .0 | 0 | | 4 | 0 | 0 |
| TUCKERTON | 79.6 | 54.1 | 66.9 | | 87 | 23+ | 40 | 30 | 27 | 0 | 0 | 0 | 0 | 1.70 | | 1.53 | 11 | .0 | 0 | | 2 | 1 | 1 |
| WOOOSTOWN | 81.8 | 54.8M | 68.3M | | 90 | 25 | 40 | 30 | 19 | 1 | 0 | 0 | 0 | 1.04 | | .56 | 11 | .0 | 0 | | 3 | 1 | 0 |
| DIVISION | | | 68.1 | 1.1 | | | | | | | | | | 1.05 | - 2.74 | | | .0 | | | | | |
| * * *<br>COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 78.1 | 63.8 | 71.0 | 2.6 | 86 | 4 | 54 | 29 | 1 | 0 | 0 | 0 | 0 | 2.17 | - 1.23 | .93 | 11 | | | | 3 | 2 | 0 |
| CAPE MAY 3 W | 79.8M | 62.5M | 71.2M | | 84 | 5+ | 51 | 30 | 0 | 0 | 0 | 0 | 0 | .94 | | .74 | 6 | .0 | 0 | | 1 | 1 | 0 |
| LONG BRANCH 2 N | 77.4 | 60.4 | 68.9 | 2.7 | 86 | 22 | 49 | 30 | 8 | 0 | 0 | 0 | 0 | 1.49 | - 2.43 | .73 | 11 | .0 | 0 | | 3 | 2 | 0 |
| OIVISION | | | 70.4 | 2.6 | | | | | | | | | | 1.53 | - 2.14 | | | .0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>2 STATIONS | 93 | OATE | 25+ |
| LOWEST TEMPERATURE<br>2 STATIONS | 36 | OATE | 30+ |
| GREATEST TOTAL PRECIPITATION<br>CHARLOTTEBURG | 4.19 | | |
| LEAST TOTAL PRECIPITATION<br>HAMMONTON 2 NNE | .20 | | |
| GREATEST 1 OAY PRECIPITATION<br>MILTON | 1.97 | OATE | 11 |

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See Reference Notes Following Station Index

# DAILY PRECIPITATION

| Station | Total | Day of Month |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NORTHERN 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BELVIDERE | 3.22 |  |  | .68 |  |  | .12 | .33 |  |  | T | 1.82 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .27 |  |  |  |  |  |
| BERNARDSVILLE 2 E | 1.97 |  |  | .53 |  |  | .01 | .84 |  |  |  | .59 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BLACKWELLS MILLS | 1.81 |  |  | .64 |  |  | .32 |  |  |  |  | .85 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BOONTON 1 SE | 2.93 |  |  | .85 |  |  | .04 | .82 |  |  |  | 1.22 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |
| BOUND BROOK 2 W | 1.60 |  |  | .21 |  |  | .01 | .31 |  |  |  | 1.07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BRANCHVILLE | 2.06 |  | .68 |  |  |  | .09 | .65 |  |  |  | .64 |  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |
| CANISTEAR RESERVOIR | 3.56 |  |  | 1.13 |  |  | .08 | .70 |  |  |  | 1.60 | .03 |  |  |  |  |  |  |  |  |  |  |  |  |  | .02 |  |  |  |  |  |
| CANOE BROOK | 2.79 |  |  | 1.07 |  |  | T | .75 |  |  |  | .97 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CHARLOTTEBURG | 4.19 |  |  | 1.32 |  |  | .04 | 1.23 |  |  |  | 1.58 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .02 |  |  |  |  |  |
| CLINTON | .89 |  |  | .42 |  |  |  | .36 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | T |  | .11 |  |  |  |  |  |
| ELIZABETH | .70 |  | .30 |  |  |  | .40 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ESSEX FELLS SERV BLDG | 2.24 |  |  | .92 |  |  | T | .70 |  |  |  | .62 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |
| FLEMINGTON 1 NE | 1.45 |  |  | .17 |  |  | .03 | .34 |  |  |  | .91 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| GREENWOOD LAKE | 3.67 |  |  | .95 |  |  | .07 | 1.15 |  |  |  | 1.42 | .03 |  |  |  |  |  |  |  |  |  |  |  |  |  | .05 |  |  |  |  |  |
| HIGH POINT PARK | 2.14 |  |  | .10 |  |  | .15 | .63 |  |  |  | 1.16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .10 |  |  |  |  |  |
| JERSEY CITY | 2.19 |  | .90 |  |  |  | .33 |  |  |  |  | .96 |  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |
| LAMBERTVILLE | 1.30 |  | .15 | .01 |  |  | .41 |  |  |  | .01 | .72 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LAYTON 2 | 2.17 |  |  | .60 |  |  | .25 | .65 |  |  |  | .64 | .02 |  |  |  |  |  | T |  |  |  |  |  |  |  | .01 |  |  |  |  |  |
| LITTLE FALLS | 3.16 |  |  | .93 |  |  | T | .54 |  |  | T | .96 |  |  |  |  |  |  |  |  |  |  |  |  | .24 | .48 | .01 |  |  |  |  |  |
| LONG VALLEY | 2.14 |  |  | .62 |  |  | .09 | .78 |  |  |  | .64 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .01 |  |  |  |  |  |
| MAHWAH | 3.89 |  |  | .66 |  |  | .02 | 1.84 |  |  |  | 1.33 | .01 |  |  |  |  |  |  |  |  |  |  |  |  |  | .03 |  |  |  |  |  |
| MANVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |
| MIDLAND PARK | 3.84 |  | .77 |  |  |  | 1.42 |  |  |  | .19 | 1.40 |  |  |  |  |  |  |  |  |  |  |  |  |  | .03 | .03 |  |  |  |  |  |
| MILTON | 3.54 |  |  | .51 |  |  | .21 | .78 |  |  |  | 1.97 | .04 |  |  |  |  |  |  |  |  |  |  |  |  |  | .03 |  |  |  |  |  |
| MORRIS PLAINS 1 W | 2.29 |  |  | .34 |  |  | .04 | .81 |  |  | T | 1.10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |
| NEWARK WB AIRPORT R | 2.48 | T | 1.02 |  |  |  | .37 |  |  |  | .22 | .87 |  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |
| NEW MILFORD | 2.04 |  | .90 |  |  |  | .32 |  |  |  | .06 | .76 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NEWTON | 2.41 |  |  | .60 |  |  | .12 | .66 |  |  |  | .87 | T |  |  |  |  |  |  |  |  |  |  | .01 |  |  | .15 |  |  |  |  |  |
| OAK RIDGE RESERVOIR | 3.10 |  |  | .42 |  |  | .09 | .99 |  |  |  | 1.54 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .06 |  |  |  |  |  |
| PATERSON | 3.46 |  |  | 1.36 |  |  | T | .43 |  |  |  | .80 |  |  |  |  |  |  |  |  |  |  |  |  | .80 | .06 | .01 |  |  |  |  |  |
| PHILLIPSBURG | 2.38 |  |  | .22 |  |  | .74 |  |  |  |  | 1.33 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .09 |  |  |  |  |  |
| PHILLIPSBURG BRIDGE | 2.70 |  |  | .02 |  |  |  | 1.22 |  |  | .12 | 1.34 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PLAINFIELD | 1.59 |  | .35 |  |  |  | .47 |  |  |  | .06 | .71 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| POTTERSVILLE 2 NNW | 2.01 |  |  | .39 |  |  | .07 | .55 |  |  |  | .97 |  |  |  |  |  |  |  |  |  |  |  |  | T |  | .03 | T |  |  |  |  |
| RAHWAY | 1.36 |  | .50 |  |  |  | .30 |  |  |  | .11 | .45 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RINGWOOD | 2.23 |  |  | .37 |  |  | .21 | .64 |  |  | .03 | .98 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |
| SOMERVILLE | 1.51 |  | .15 |  |  |  | .45 |  |  |  | T | .91 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SPLIT ROCK POND | 3.56 |  |  | .59 |  |  | .09 | 1.31 |  |  |  | 1.56 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .01 |  |  |  |  |  |
| SUSSEX 1 SE | 1.94 |  |  | .38 |  |  | .06 | .59 |  |  |  | .84 | .06 |  |  |  |  |  |  |  |  |  |  |  |  |  | .01 |  |  |  |  |  |
| WANAQUE RAYMOND DAM | 2.34 |  |  | .79 |  |  | T | .69 |  |  |  | .86 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WERTSVILLE | 1.78 |  |  | .07 |  |  | .03 | .41 |  |  | T | 1.27 | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WEST WHARTON | 2.76 |  |  | .66 |  |  | .03 | .68 |  |  |  | 1.35 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .04 |  |  |  |  |  |
| WOODCLIFF LAKE | 2.73 |  | .52 |  |  |  | .80 |  |  |  | .31 | 1.02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .08 |  |  |  |  |  |
| * * * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SOUTHERN 02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY WB AP | .43 | .08 | T | .03 |  |  | .19 |  |  |  | .10 | .03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | T | T |  |  |  |  |
| AUDUBON | .70 |  | .24 |  |  |  | .36 |  |  |  | T | .10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BASS RIVER ST FOREST | .68 |  |  | .08 |  |  |  | .20 |  |  |  | .40 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BELLEPLAIN ST FOREST | 1.78 |  |  | .17 |  |  | .96 | .04 |  |  |  | .61 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |
| BURLINGTON | .33 |  |  |  |  |  | .25 |  |  |  |  | .08 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CANTON | 1.00 |  |  | .08 |  |  |  | .56 |  | .02 |  | .34 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CHATSWORTH | .79 |  | .14 | .42 |  |  | .11 |  |  |  |  | .12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FORTESCUE | 1.28 |  |  | .40 |  |  | .60 | .20 |  |  |  | .08 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FREEHOLD | 1.54 |  |  | .56 |  |  |  | .23 |  |  |  | .75 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| GLASSBORO | .59 |  | .01 |  |  |  | .22 |  |  |  |  | .36 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HAMMONTON 2 NNE | .20 |  |  | .18 |  |  |  | .01 |  |  |  | .01 |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |
| HIGHTSTOWN 1 N | 2.11 |  | 1.19 |  |  |  | .34 |  |  |  | T | .58 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| INDIAN MILLS 2 W | 1.11 |  | .68 |  |  |  | .20 |  |  |  |  | .23 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAYS LANDING 1 W | .59 |  | .05 | .02 |  |  |  | .41 |  |  |  | .11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MILLVILLE | .41 |  |  | .04 |  |  |  | .29 |  |  |  | .08 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MILLVILLE FAA AIRPORT | .60 |  | .07 | T | .03 |  | .45 |  |  |  | .04 | .01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | T | T |  |  |  |  |
| MOORESTOWN | .64 |  |  | .25 |  |  | T | .28 |  |  |  | .11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NEW BRUNSWICK | 2.32 |  |  | 1.02 |  |  |  | .32 |  |  | T | .98 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NEW MONMOUTH | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |
| PEMBERTON 3 E | 1.12 |  |  | .81 |  |  | .14 |  |  |  |  | .17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PENNSAUKEN | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |
| PRINCETON WATER WORKS | 2.79 |  | .58 |  |  |  | .82 |  |  |  | .47 | .92 |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |
| SEABROOK FARMS | .64 |  | T | .03 |  |  |  | .24 |  | T | .04 | .32 |  |  |  |  |  |  |  |  |  | .01 |  |  |  |  |  | T |  |  |  |  |
| SHILOH | .67 |  |  | .04 |  |  | .25 |  |  |  | .01 | .37 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOMS RIVER | 2.13 |  |  | .62 |  |  |  | .08 |  |  |  | 1.43 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TRENTON WB CITY R | 1.19 |  | .49 |  |  |  | .27 |  |  |  | .16 | .24 |  |  |  |  |  |  |  |  |  |  |  | .03 |  |  |  |  |  |  |  |  |
| TUCKERTON | 1.70 | T |  | T |  | T | .14 |  | T |  |  | 1.53 |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  | .03 |  |  |  |  |
| WOODSTOWN | 1.04 | T | T | .22 |  |  | .26 |  |  |  |  | .56 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |
| * * * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| COASTAL 03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY R | 2.17 |  |  | .07 |  |  | .69 |  |  |  | .38 | .93 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .04 | .06 |  |  |  |  |
| BELMAR 2 SW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |
| CAPE MAY 3 W | .94 |  |  | .02 |  |  | .74 | .06 |  |  |  | .08 | .04 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LONG BRANCH 2 N | 1.49 | T |  | .63 |  |  | .13 | T |  |  |  | .73 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

# SUPPLEMENTAL DATA

| Station | Wind (Speed - m.p.h.) |  |  |  |  |  | Relative humidity averages - percent |  |  |  | Number of days with precipitation |  |  |  |  |  |  | Percent of possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | EASTERN STANDARD TIME 1 AM | 7 AM | 1 PM | 7 PM | Trace | .01–.09 | .10–.49 | .50–.99 | 1.00–1.99 | 2.00 and over | Total |  |  |
| ATLANTIC CITY WB AIRPORT | 27 | 0.4 | 9.3 | 21++ | 23 | 11+ | 90 | 86 | 46 | 73 | 3 | 3 | 2 | 0 | 0 | 0 | 8 | 69 | 4.1 |
| ATLANTIC CITY ST. MARINA | - | - | - | 31 | W | 30 | - | - | - | - | 0 | 3 | 1 | 2 | 0 | 0 | 6 | - | - |
| NEWARK WB AIRPORT | 26 | 1.3 | 8.8 | 22++ | 10 | 10+ | 77 | 76 | 47 | 61 | 2 | 0 | 2 | 1 | 1 | 0 | 6 | - | 4.2 |
| TRENTON WB CITY | - | - | - | 22 | W | 30 | - | - | - | - | 0 | 1 | 4 | 0 | 0 | 0 | 5 | 73 | 4.0 |

See reference notes following Station Index.

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 77 | 71 | 73 | 78 | 83 | 74 | 70 | 79 | 78 | 75 | 77 | 76 | 70 | 78 | 79 | 76 | 79 | 78 | 79 | 78 | 83 | 82 | 84 | 86 | 83 | 86 | 78 | 75 | 74 | 66 | | 77.5 |
| | MIN | 49 | 51 | 55 | 52 | 52 | 61 | 53 | 51 | 54 | 56 | 60 | 56 | 49 | 43 | 44 | 48 | 51 | 51 | 45 | 46 | 47 | 49 | 56 | 58 | 58 | 54 | 47 | 46 | 42 | 43 | | 50.9 |
| BOONTON 1 SE | MAX | 78 | 74 | 80 | 79 | 83 | 71 | 70 | 80 | 82 | 77 | 80 | 77 | 70 | 77 | 78 | 78 | 80 | 79 | 80 | 80 | 85 | 83 | 86 | 80 | 84 | 85 | 80 | 74 | 72 | 66 | | 78.3 |
| | MIN | 49 | 53 | 51 | 52 | 56 | 63 | 60 | 50 | 52 | 55 | 63 | 58 | 48 | 45 | 45 | 49 | 54 | 44 | 44 | 45 | 51 | 53 | 55 | 61 | 60 | 62 | 49 | 46 | 48 | 43 | | 52.1 |
| CANOE BROOK | MAX | 82 | 75 | 80 | 82 | 84 | 73 | 72 | 82 | 81 | 78 | 78 | 80 | 72 | 78 | 78 | 79 | 79 | 80 | 79 | 81 | 81 | 85 | 88 | 84 | 84 | 88 | 80 | 78 | 76 | 68 | | 79.5 |
| | MIN | 49 | 52 | 53 | 54 | 56 | 64 | 56 | 57 | 53 | 56 | 56 | 57 | 50 | 44 | 42 | 47 | 55 | 48 | 45 | 49 | 50 | 54 | 58 | 62 | 58 | 62 | 53 | 41 | 41 | 41 | | 52.1 |
| CHARLOTTEBURG | MAX | 78 | 72 | 79 | 78 | 82 | 69 | 67 | 79 | 80 | 77 | 76 | 77 | 69 | 75 | 77 | 75 | 79 | 77 | 78 | 79 | 83 | 82 | 85 | 84 | 80 | 80 | 78 | 73 | 70 | 63 | | 76.7 |
| | MIN | 45 | 49 | 50 | 54 | 52 | 52 | 56 | 49 | 52 | 54 | 63 | 57 | 53 | 47 | 44 | 45 | 49 | 46 | 43 | 42 | 45 | 50 | 55 | 54 | 57 | 58 | 48 | 46 | 40 | 40 | | 49.8 |
| ELIZABETH | MAX | 80 | 81 | 82 | 86 | 85 | 79 | 84 | 83 | 82 | 79 | 80 | 76 | 80 | 81 | 80 | 82 | 88 | 81 | 83 | 88 | 82 | 90 | 88 | 84 | 89 | 85 | 80 | 78 | 74 | 76 | | 82.2 |
| | MIN | 55 | 61 | 59 | 58 | 65 | 67 | 60 | 59 | 58 | 59 | 62 | 58 | 52 | 51 | 55 | 52 | 62 | 50 | 53 | 52 | 51 | 57 | 62 | 66 | 61 | 66 | 58 | 51 | 48 | 47 | | 57.2 |
| ESSEX FELLS SERV BLDG | MAX | 80 | 75 | 78 | 80 | 82 | 71 | 70 | 81 | 80 | 77 | 77 | 77 | 72 | 78 | 80 | 77 | 79 | 79 | 79 | 81 | 83 | 83 | 83 | 80 | 83 | 86 | 80 | 75 | 75 | 65 | | 78.2 |
| | MIN | 48 | 57 | 57 | 55 | 56 | 64 | 57 | 52 | 54 | 57 | 63 | 56 | 48 | 45 | 48 | 53 | 54 | 47 | 46 | 50 | 54 | 56 | 58 | 60 | 58 | 62 | 51 | 47 | 43 | 42 | | 53.3 |
| FLEMINGTON 1 NE | MAX | 81 | 73 | 83 | 83 | 85 | 75 | 73 | 81 | 81 | 79 | 81 | 79 | 72 | 79 | 79 | 77 | 81 | 79 | 79 | 79 | 85 | 84 | 89 | 86 | 88 | 89 | 79 | 77 | 77 | 68 | | 80.0 |
| | MIN | 46 | 48 | 55 | 51 | 53 | 65 | 53 | 51 | 52 | 55 | 61 | 59 | 51 | 40 | 44 | 46 | 48 | 40 | 41 | 45 | 49 | 52 | 55 | 56 | 53 | 58 | 57 | 44 | 36 | 40 | | 50.1 |
| HIGH POINT PARK | MAX | 70 | 64 | 70 | 71 | 73 | 59 | 59 | 71 | 69 | 68 | 62 | 69 | 67 | 67 | 70 | 75 | 79 | 85 | 74 | 75 | 81 | 82 | 77 | 70 | 80 | 75 | 72 | 64 | 72 | 75 | | 71.5 |
| | MIN | 54 | 55 | 56 | 52 | 52 | 55 | 52 | 51 | 53 | 55 | 57 | 52 | 46 | 45 | 48 | 44 | 45 | 52 | 54 | 51 | 54 | 53 | 55 | 59 | 59 | 57 | 45 | 45 | 42 | 40 | | 51.3 |
| JERSEY CITY | MAX | 74 | 75 | 81 | 83 | 80 | 70 | 81 | 78 | 78 | 76 | 79 | 73 | 79 | 79 | 72 | 78 | 77 | 79 | 80 | 83 | 76 | 89 | 83 | 79 | 81 | 80 | 77 | 75 | 67 | 74 | | 77.9 |
| | MIN | 62 | 64 | 60 | 63 | 66 | 65 | 64 | 59 | 63 | 65 | 66 | 59 | 57 | 56 | 56 | 60 | 61 | 55 | 57 | 61 | 62 | 63 | 68 | 70 | 67 | 69 | 60 | 59 | 52 | 53 | | 61.4 |
| LAMBERTVILLE | MAX | 80 | 85 | 84 | 87 | 83 | 72 | 84 | 85 | 81 | 83 | 79 | 75 | 81 | 82 | 80 | 84 | 83 | 83 | 82 | 87 | 86 | 91 | 87 | 89 | 90 | 84 | 80 | 77 | 71 | 75 | | 82.3 |
| | MIN | 51 | 58 | 58 | 54 | 61 | 67 | 55 | 52 | 56 | 59 | 65 | 59 | 46 | 44 | 46 | 50 | 55 | 47 | 44 | 47 | 54 | 54 | 58 | 62 | 59 | 64 | 55 | 47 | 41 | 42 | | 53.7 |
| LAYTON 2 | MAX | 77 | 73 | 78 | 78 | 81 | 71 | 70 | 78 | 78 | 76 | 75 | 77 | 69 | 75 | 77 | 76 | 79 | 80 | 78 | 78 | 82 | 83 | 85 | 77 | 82 | 85 | 78 | 73 | 71 | 64 | | 76.8 |
| | MIN | 46 | 51 | 53 | 52 | 53 | 57 | 55 | 51 | 53 | 54 | 60 | 54 | 44 | 40 | 44 | 46 | 49 | 52 | 46 | 46 | 47 | 54 | 55 | 57 | 60 | 60 | 46 | 46 | 40 | 39 | | 50.3 |
| LITTLE FALLS | MAX | 81 | 77 | 81 | 82 | 83 | 72 | 72 | 82 | 82 | 78 | 79 | 80 | 72 | 79 | 80 | 77 | 80 | 80 | 79 | 80 | 84 | 84 | 88 | 83 | 82 | 86 | 80 | 76 | 75 | 67 | | 79.4 |
| | MIN | 53 | 58 | 57 | 57 | 63 | 65 | 60 | 53 | 56 | 60 | 66 | 60 | 51 | 49 | 49 | 55 | 57 | 50 | 48 | 52 | 56 | 56 | 61 | 64 | 60 | 62 | 55 | 50 | 49 | 45 | | 55.9 |
| LONG VALLEY | MAX | 78 | 70 | 77 | 77 | 80 | 70 | 69 | 78 | 78 | 74 | 76 | 75 | 68 | 76 | 77 | 75 | 80 | 75 | 72 | 76 | 81 | 80 | 84 | 80 | 83 | 84 | 76 | 73 | 72 | 64 | | 75.9 |
| | MIN | 42 | 45 | 49 | 47 | 44 | 59 | 52 | 47 | 49 | 55 | 58 | 54 | 44 | 39 | 40 | 44 | 42 | 40 | 39 | 40 | 41 | 47 | 50 | 54 | 53 | 53 | 43 | 43 | 43 | 37 | | 46.4 |
| MORRIS PLAINS 1 W | MAX | 79 | 74 | 79 | 80 | 83 | 72 | 74 | 80 | 79 | 75 | 79 | 75 | 70 | 78 | 78 | 76 | 78 | 77 | 78 | 79 | 83 | 82 | 86 | 80 | 83 | 85 | 78 | 74 | 74 | 66 | | 77.8 |
| | MIN | 49 | 53 | 52 | 52 | 52 | 64 | 59 | 51 | 52 | 55 | 47 | 58 | 48 | 46 | 46 | 47 | 53 | 44 | 44 | 45 | 50 | 52 | 55 | 61 | 58 | 58 | 49 | 49 | 47 | 42 | | 51.3 |
| NEWARK WB AIRPORT | MAX | 76 | 78 | 82 | 84 | 75 | 74 | 83 | 82 | 79 | 80 | 82 | 74 | 79 | 80 | 75 | 79 | 78 | 80 | 82 | 85 | 81 | 89 | 84 | 83 | 90 | 82 | 78 | 78 | 70 | 75 | | 79.9 |
| | MIN | 60 | 63 | 60 | 64 | 68 | 68 | 63 | 62 | 63 | 66 | 64 | 59 | 56 | 55 | 58 | 61 | 61 | 57 | 57 | 58 | 64 | 62 | 66 | 71 | 67 | 68 | 62 | 58 | 52 | 51 | | 61.5 |
| NEWTON | MAX | 78 | 74 | 80 | 80 | 83 | 72 | 70 | 79 | 79 | 77 | 77 | 78 | 69 | 77 | 73 | 78 | 79 | 79 | 79 | 79 | 84 | 83 | 86 | 79 | 84 | 86 | 78 | 74 | 72 | 68 | | 77.6 |
| | MIN | 44 | 45 | 52 | 49 | 54 | 61 | 61 | 48 | 47 | 54 | 57 | 55 | 46 | 46 | 42 | 43 | 48 | 47 | 39 | 43 | 48 | 46 | 51 | 57 | 56 | 61 | 42 | 46 | 38 | 37 | | 48.8 |
| PATERSON | MAX | | | | 81 | 84 | 72 | 72 | 82 | 82 | 79 | 80 | 83 | 74 | 80 | 80 | 77 | 80 | 79 | 81 | 81 | 86 | 83 | 89 | 83 | 84 | 87 | 78 | 77 | 79 | 68 | | 80.0 |
| | MIN | | | | 60 | 65 | 65 | 61 | 56 | 61 | 62 | 65 | 60 | 56 | 55 | 53 | 57 | 58 | 52 | 50 | 57 | 58 | 59 | 65 | 67 | 63 | 68 | 53 | 50 | 51 | 48 | | 58.3 |
| PHILLIPSBURG | MAX | 79 | 81 | 82 | 85 | 85 | 76 | 82 | 84 | 83 | 81 | 81 | 77 | 80 | 82 | 80 | 81 | 83 | 83 | 81 | 84 | 86 | 89 | 89 | 87 | 89 | 88 | 80 | 77 | 74 | 74 | | 82.1 |
| | MIN | 51 | 55 | 55 | 52 | 59 | 66 | 55 | 52 | 55 | 58 | 64 | 58 | 48 | 45 | 46 | 49 | 55 | 48 | 45 | 47 | 51 | 50 | 56 | 60 | 57 | 64 | 47 | 50 | 41 | 41 | | 52.7 |
| PLAINFIELD | MAX | 75 | 81 | 83 | 85 | 72 | 71 | 83 | 81 | 77 | 80 | 81 | 74 | 80 | 81 | 77 | 81 | 80 | 80 | 81 | 85 | 83 | 90 | 85 | 84 | 88 | 81 | 78 | 78 | 70 | 76 | | 80.0 |
| | MIN | 53 | 59 | 58 | 56 | 64 | 66 | 57 | 55 | 55 | 58 | 66 | 57 | 50 | 46 | 51 | 51 | 54 | 48 | 49 | 50 | 57 | 56 | 60 | 63 | 59 | 65 | 58 | 48 | 45 | 44 | | 55.3 |
| SOMERVILLE | MAX | 76 | 82 | 82 | 85 | 80 | 71 | 82 | 82 | 79 | 81 | 80 | 72 | 79 | 80 | 78 | 81 | 80 | 80 | 80 | 85 | 83 | 88 | 83 | 85 | 88 | 82 | 76 | 75 | 70 | 74 | | 80.0 |
| | MIN | 51 | 57 | 57 | 54 | 62 | 66 | 56 | 54 | 55 | 58 | 64 | 54 | 47 | 44 | 50 | 49 | 54 | 46 | 50 | 49 | 53 | 54 | 59 | 62 | 59 | 64 | 53 | 48 | 44 | 42 | | 53.8 |
| SUSSEX 1 SE | MAX | 78 | 75 | 78 | 78 | 81 | 72 | 70 | 79 | 70 | 75 | 78 | 77 | 69 | 75 | 77 | | 77 | 77 | 77 | 77 | 82 | 83 | 86 | 79 | 83 | 86 | 77 | 73 | 72 | 62 | | 76.7 |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 75 | 80 | 82 | 85 | 77 | 76 | 82 | 80 | 77 | 79 | 80 | 75 | 80 | 80 | 77 | 77 | 77 | 77 | 77 | 83 | 78 | 86 | 90 | 87 | 86 | 82 | 77 | 78 | 72 | 76 | | 79.6 |
| | MIN | 50 | 62 | 61 | 61 | 62 | 65 | 58 | 54 | 53 | 65 | 62 | 52 | 50 | 41 | 44 | 47 | 44 | 39 | 43 | 46 | 53 | 52 | 61 | 61 | 63 | 63 | 54 | 50 | 42 | 42 | | 53.3 |
| AUDUBON | MAX | 75 | 86 | 86 | 81 | 80 | 74 | 85 | 85 | 83 | 84 | 83 | 76 | 82 | 82 | 84 | 84 | 82 | 84 | 83 | 88 | 85 | 90 | 92 | 91 | 93 | 84 | 81 | 81 | 73 | 78 | | 83.2 |
| | MIN | 58 | 63 | 60 | 61 | 66 | 69 | 58 | 57 | 59 | 64 | 66 | 57 | 52 | 50 | 53 | 52 | 55 | 49 | 50 | 50 | 58 | 58 | 62 | 63 | 64 | 65 | 58 | 52 | 47 | 47 | | 57.4 |
| BELLEPLAIN ST FOREST | MAX | 76 | 82 | 85 | 85 | 82 | 75 | 83 | 81 | 77 | 79 | 79 | 78 | 81 | 82 | 78 | 78 | 76 | 78 | 80 | 85 | 80 | 85 | 88 | 87 | 89 | 84 | 80 | 80 | 75 | 76 | | 80.8 |
| | MIN | 48 | 61 | 60 | 58 | 64 | 68 | 60 | 52 | 51 | 66 | 65 | 57 | 48 | 44 | 46 | 49 | 50 | 43 | 45 | 43 | 53 | 47 | 57 | 56 | 63 | 65 | 59 | 47 | 44 | 37 | | 53.5 |
| BURLINGTON | MAX | 80 | 84 | 85 | 87 | 85 | 78 | 89 | 87 | 80 | 83 | 83 | 79 | 80 | 81 | 82 | 81 | 81 | 81 | 80 | 85 | 83 | 89 | 85 | 90 | | | | | | | | 83.3 |
| | MIN | 58 | 63 | 65 | 61 | 66 | 68 | 64 | 58 | 58 | 63 | 63 | 62 | 55 | 53 | 56 | 55 | 56 | 54 | 54 | 53 | 58 | 57 | 54 | 65 | 63 | 67 | 60 | 56 | 50 | | | 59.1 |
| CHATSWORTH | MAX | 79 | 81 | 83 | 87 | 80 | 73 | 83 | 82 | 78 | 81 | 80 | 78 | 81 | 82 | 77 | 80 | 78 | 79 | 77 | 80 | 85 | 90 | 91 | 89 | 92 | 84 | 80 | 79 | 73 | 77 | | 81.3 |
| | MIN | 49 | 63 | 59 | 55 | 65 | 67 | 58 | 55 | 53 | 61 | 67 | 57 | 45 | 44 | 46 | 48 | 50 | 44 | 44 | 44 | 47 | 49 | 57 | 59 | 57 | 61 | 59 | 45 | 41 | 37 | | 52.9 |
| FREEHOLD | MAX | 80 | 74 | 80 | 81 | 85 | 73 | 72 | 81 | 79 | 76 | 80 | 79 | 73 | 72 | 77 | 74 | 78 | 77 | 77 | 77 | 83 | 83 | 87 | 87 | 86 | 89 | 82 | 77 | 76 | 70 | | 78.8 |
| | MIN | 52 | 60 | 56 | 55 | 63 | 66 | 58 | 55 | 54 | 58 | 64 | 55 | 49 | 45 | 51 | 50 | 51 | 46 | 49 | 50 | 55 | 54 | 60 | 62 | 61 | 63 | 58 | 50 | 44 | 43 | | 54.6 |
| GLASSBORO | MAX | 83 | 74 | 84 | 85 | 80 | 89 | 77 | 83 | 84 | 81 | 83 | 80 | 75 | 78 | 80 | 82 | 82 | 81 | 82 | 82 | 85 | 85 | 89 | 90 | 89 | 90 | 88 | 79 | 79 | 72 | | 82.4 |
| | MIN | 54 | 49 | 59 | 61 | 61 | 61 | 57 | 56 | 53 | 58 | 65 | 58 | 53 | 49 | 49 | 50 | 58 | 48 | 47 | 48 | 53 | 56 | 56 | 62 | 62 | 64 | 61 | 52 | 45 | 44 | | 55.0 |
| HAMMONTON 2 NNE | MAX | 82 | 80 | 83 | 87 | 89 | 78 | 74 | 85 | 85 | 80 | 82 | 82 | 78 | 83 | 83 | 81 | 83 | 80 | 80 | 79 | 85 | 83 | 90 | 93 | 91 | 92 | 87 | 82 | 82 | 75 | | 83.1 |
| | MIN | 53 | 63 | 63 | 62 | 66 | 67 | 59 | 54 | 54 | 59 | 66 | 58 | 51 | 48 | 48 | 50 | 52 | 46 | 46 | 49 | 55 | 56 | 61 | 62 | 64 | 64 | 60 | 53 | 46 | 46 | | 56.0 |
| HIGHTSTOWN 1 N | MAX | 74 | 81 | 81 | 83 | 73 | 72 | 80 | 80 | 77 | 80 | 78 | 72 | 77 | 78 | 77 | 78 | 78 | 78 | 78 | 83 | 82 | 87 | 86 | 86 | 88 | 79 | 76 | 75 | 68 | 73 | | 78.6 |
| | MIN | 52 | 59 | 57 | 57 | 63 | 66 | 56 | 55 | 54 | 59 | 65 | 58 | 50 | 46 | 48 | 49 | 53 | 45 | 47 | 48 | 55 | 56 | 60 | 62 | 62 | 64 | 58 | 48 | 43 | 44 | | 54.6 |
| INDIAN MILLS 2 W | MAX | 74 | 81 | 83 | 87 | 77 | 73 | 82 | 84 | 80 | 83 | 80 | 74 | 78 | 80 | 81 | 80 | 80 | 81 | 78 | 86 | 83 | 88 | 88 | 89 | 90 | 82 | 78 | 78 | 70 | 74 | | 80.7 |
| | MIN | 47 | 59 | 55 | 55 | 64 | 66 | 54 | 48 | 50 | 59 | 64 | 55 | 48 | 41 | 42 | 42 | 49 | 38 | 38 | 41 | 50 | 48 | 54 | 57 | 57 | 60 | 57 | 43 | 36 | 36 | | 50.4 |
| MILLVILLE | MAX | 82 | 76 | 85 | 86 | 89 | 82 | 76 | 83 | 85 | 81 | 83 | 80 | 74 | 80 | 82 | 84 | 82 | 78 | 80 | 80 | 87 | 83 | 88 | 89 | 89 | 91 | 83 | 80 | 79 | 73 | | 82.3 |
| | MIN | 53 | 62 | 61 | 61 | 60 | 71 | 60 | 54 | 54 | 65 | 66 | 59 | 53 | 47 | 47 | 50 | 52 | 43 | 45 | 47 | 55 | 53 | 61 | 61 | 61 | 64 | 61 | 51 | 43 | 43 | | 55.4 |
| MILLVILLE FAA AIRPORT | MAX | 76 | 83 | 84 | 87 | 80 | 74 | 82 | 83 | 79 | 80 | 80 | 73 | 80 | 80 | 78 | 78 | 78 | 82 | 79 | 82 | 80 | 86 | 87 | 87 | 88 | 81 | 80 | 78 | 70 | 75 | | 80.3 |
| | MIN | 56 | 63 | 61 | 62 | 67 | 68 | 59 | 55 | 56 | 66 | 65 | 55 | 54 | 49 | 50 | 52 | 53 | 51 | 50 | 50 | 57 | 53 | 64 | 62 | 62 | 66 | 54 | 53 | 47 | 43 | | 56.8 |
| MOORESTOWN | MAX | 74 | 85 | 84 | 88 | 78 | 73 | 84 | 84 | 82 | 83 | 80 | 75 | 81 | 82 | 83 | 83 | 80 | 81 | 80 | 87 | 85 | 90 | 88 | 87 | 86 | 82 | 77 | 77 | 69 | 74 | | 81.4 |
| | MIN | 53 | 62 | 59 | 58 | 63 | 68 | 58 | 55 | 59 | 63 | 66 | 57 | 55 | 47 | 51 | 50 | 53 | 45 | 45 | 47 | 56 | 58 | 62 | 63 | 64 | 65 | 54 | 49 | 41 | 42 | | 55.6 |
| NEW BRUNSWICK | MAX | 79 | 78 | 79 | 80 | 83 | 72 | 74 | 81 | 79 | 76 | 79 | 79 | 71 | 78 | 78 | 75 | 79 | 78 | 77 | 78 | 83 | 82 | 87 | 84 | 83 | 87 | 78 | 75 | 74 | 68 | | 78.5 |
| | MIN | 54 | 59 | 58 | 57 | 63 | 66 | 58 | 57 | 56 | 60 | 65 | 58 | 51 | 51 | 52 | 50 | 55 | 48 | 51 | 54 | 56 | 58 | 64 | 64 | 62 | 64 | 58 | 52 | 48 | 47 | | 56.5 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

NEW JERSEY
SEPTEMBER 1968

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW MONMOUTH | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | MAX | 78 | 80 | 85 | 88 | 85 | 74 | 83 | 82 | 78 | 80 | 81 | 78 | 80 | 82 | 79 | 80 | 78 | 78 | 77 | 85 | 84 | 88 | 90 | 89 | 91 | 84 | 80 | 79 | 78 | 77 | | 81.7 |
| | MIN | 51 | 61 | 58 | 56 | 65 | 67 | 56 | 49 | 50 | 61 | 66 | 56 | 44 | 43 | 43 | 45 | 52 | 40 | 41 | 43 | 54 | 52 | 56 | 60 | 58 | 63 | 59 | 45 | 38 | 41 | | 52.4 |
| SEABROOK FARMS | MAX | 79 | 75 | 84 | 84 | 87 | 80 | 73 | 81 | 83 | 80 | 82 | 79 | 74 | 79 | 79 | 81 | 80 | 80 | 81 | 79 | 84 | 82 | 85 | 88 | 88 | 88 | 82 | 78 | 78 | 72 | | 80.8 |
| | MIN | 55 | 62 | 61 | 61 | 65 | 70 | 60 | 56 | 56 | 62 | 65 | 60 | 53 | 49 | 51 | 53 | 55 | 49 | 49 | 49 | 55 | 56 | 62 | 61 | 65 | 65 | 61 | 52 | 46 | 44 | | 56.9 |
| SHILOH | MAX | 75 | 84 | 85 | 88 | 87 | 73 | 82 | 85 | 81 | 83 | 78 | 79 | 80 | 80 | 82 | 80 | 80 | 83 | 83 | 84 | 82 | 86 | 89 | 88 | 89 | 87 | 81 | 79 | 77 | 77 | | 82.2 |
| | MIN | 56 | 61 | 60 | 61 | 64 | 66 | 61 | 57 | 56 | 62 | 64 | 59 | 53 | 50 | 52 | 54 | 55 | 48 | 49 | 53 | 55 | 56 | 63 | 65 | 64 | 64 | 60 | 54 | 47 | 47 | | 57.2 |
| TOMS RIVER | MAX | 80 | 75 | 80 | 81 | 83 | 75 | 74 | 83 | 79 | 75 | 80 | 80 | 73 | 78 | 79 | 74 | 75 | 75 | 75 | 75 | 82 | 78 | 87 | 85 | 87 | 90 | 82 | 77 | 77 | 70 | | 78.8 |
| | MIN | 51 | 63 | 55 | 56 | 63 | 65 | 59 | 54 | 52 | 65 | 67 | 56 | 48 | 45 | 45 | 47 | 50 | 43 | 43 | 47 | 54 | 58 | 60 | 63 | 59 | 64 | 59 | 47 | 41 | 41 | | 54.0 |
| TRENTON WB CITY | MAX | 73 | 80 | 82 | 85 | 74 | 73 | 80 | 79 | 77 | 80 | 79 | 71 | 77 | 79 | 76 | 80 | 78 | 78 | 78 | 83 | 83 | 88 | 86 | 86 | 88 | 79 | 76 | 75 | 66 | 73 | | 78.7 |
| | MIN | 59 | 63 | 59 | 63 | 67 | 69 | 62 | 60 | 59 | 62 | 64 | 58 | 55 | 55 | 56 | 55 | 58 | 55 | 56 | 56 | 60 | 61 | 66 | 68 | 65 | 66 | 61 | 56 | 52 | 51 | | 59.9 |
| TUCKERTON | MAX | 74 | 83 | 84 | 86 | 75 | 74 | 85 | 79 | 74 | 75 | 82 | 75 | 81 | 81 | 76 | 75 | 76 | 77 | 75 | 84 | 77 | 87 | 87 | 86 | 85 | 86 | 77 | 82 | 73 | 77 | | 79.6 |
| | MIN | 52 | 63 | 61 | 59 | 63 | 68 | 61 | 55 | 53 | 54 | 54 | 52 | 49 | 48 | 49 | 50 | 52 | 46 | 46 | 48 | 55 | 51 | 52 | 62 | 64 | 61 | 59 | 49 | 46 | 40 | | 54.1 |
| WOODSTOWN | MAX | 78 | 84 | 85 | 88 | 81 | 77 | 81 | 83 | 82 | 83 | 79 | 76 | 81 | 81 | 80 | 81 | 81 | 79 | 81 | 85 | 83 | 87 | 88 | 88 | 90 | 86 | 79 | 77 | 75 | 76 | | 81.8 |
| | MIN | 52 | 62 | 59 | 59 | 62 | 69 | 54 | | 55 | 64 | 65 | 56 | 49 | 48 | 48 | 49 | 53 | 45 | 49 | 48 | 53 | 53 | 59 | 61 | 61 | 64 | 60 | 49 | 44 | 40 | | 54.8 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 75 | 78 | 79 | 86 | 75 | 76 | 83 | 80 | 77 | 78 | 80 | 75 | 81 | 80 | 76 | 75 | 71 | 75 | 74 | 84 | 77 | 80 | 83 | 80 | 77 | 85 | 75 | 79 | 73 | 76 | | 78.1 |
| | MIN | 64 | 67 | 69 | 70 | 73 | 70 | 66 | 63 | 68 | 71 | 67 | 60 | 57 | 58 | 60 | 58 | 65 | 60 | 57 | 58 | 63 | 64 | 68 | 69 | 72 | 64 | 63 | 60 | 54 | 56 | | 63.8 |
| CAPE MAY 3 W | MAX | 78 | 80 | 81 | 84 | 84 | 78 | 79 | 82 | 80 | 80 | 80 | 80 | 80 | 81 | 80 | 76 | 83 | 78 | 77 | | | | | | | 78 | 79 | 79 | | 79 | | 79.8 |
| | MIN | 64 | 66 | 67 | 68 | 71 | 70 | 68 | 60 | 66 | 70 | 69 | 66 | 65 | 60 | 57 | 57 | 59 | 56 | 56 | | | | | | | 54 | 61 | 56 | | 51 | | 62.5 |
| LONG BRANCH 2 N | MAX | 75 | 76 | 77 | 79 | 75 | 72 | 84 | 78 | 73 | 78 | 79 | 75 | 77 | 78 | 73 | 75 | 75 | 76 | 79 | 79 | 76 | 86 | 83 | 81 | 85 | 81 | 77 | 76 | 70 | 73 | | 77.4 |
| | MIN | 59 | 65 | 61 | 61 | 67 | 68 | 61 | 62 | 61 | 65 | 67 | 59 | 55 | 53 | 60 | 55 | 57 | 54 | 58 | 57 | 59 | 60 | 66 | 67 | 66 | 67 | 65 | 55 | 52 | 49 | | 60.4 |

# EVAPORATION AND WIND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | EVAP | .13 | .08 | .19 | .14 | .10 | .08 | .06 | .03 | .23 | .10 | .00 | .26 | .15 | .10 | .15 | .14 | .12 | .09 | .16 | .11 | .10 | .09 | .12 | .08 | .10 | .12 | .09 | .55 | .14 | .18 | | 3.99 |
| | WIND | 13 | 18 | 21 | 7 | 15 | 52 | 23 | 19 | 6 | 7 | 72 | 34 | 3 | 33 | 10 | 9 | 16 | 13 | 15 | 12 | 20 | 3 | 4 | 6 | 12 | 8 | 9 | 24 | 3 | 20 | | 507 |
| | MAX | 87 | 74 | 83 | 88 | 88 | 73 | 80 | 87 | 85 | 79 | 75 | 84 | 75 | 80 | 78 | 82 | 83 | 79 | 79 | 80 | 81 | 80 | 87 | 80 | 82 | 88 | 83 | 82 | 72 | 68 | | 80.7 |
| | MIN | 57 | 47 | 62 | 62 | 62 | 63 | 63 | 62 | 62 | 63 | 65 | 62 | 55 | 55 | 53 | 55 | 59 | 58 | 55 | 55 | 56 | 55 | 57 | 66 | 65 | 65 | 60 | 42 | 46 | 48 | | 57.8 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | EVAP | .20 | .11 | .21 | .18 | .15 | .10 | .03 | .21 | .17 | .14 | .12 | .22 | .21 | .22 | .17 | .13 | .12 | .16 | .14 | .16 | .10 | .12 | .17 | .11 | .12 | .13 | .19 | .17 | .17 | .19 | | 4.62 |
| | WIND | 40 | 36 | 26 | 35 | 34 | 71 | 65 | 29 | 13 | 33 | 91 | 99 | 87 | 70 | 29 | 25 | 19 | 15 | 25 | 28 | 19 | 32 | 31 | 16 | 28 | 48 | 34 | 37 | 52 | 44 | | 1211 |
| | MAX | 84 | 86 | 82 | 84 | 90 | 74 | 72 | 86 | 86 | 83 | 80 | 81 | 85 | 79 | 81 | 82 | 84 | 84 | 80 | 81 | 83 | 85 | 86 | 82 | 86 | 85 | 84 | 79 | 75 | 67 | | 81.9 |
| | MIN | 58 | 62 | 62 | 62 | 63 | 65 | 63 | 63 | 62 | 62 | 64 | 59 | 52 | 52 | 56 | 57 | 61 | 55 | 54 | 54 | 56 | 61 | 63 | 65 | 64 | 64 | 62 | 55 | 51 | 47 | | 59.2 |
| PEMBERTON 3 E | EVAP | .14 | .10 | .03 | .14 | .16 | .05 | .07 | .17 | .11 | .12 | .10 | .17 | .15 | .13 | .12 | .06 | .11 | .17 | .09 | .13 | .17 | .14 | .14 | .16 | .19 | .06 | .13 | .13 | .09 | .12 | | 3.65 |
| | WIND | 20 | 15 | 6 | 11 | 33 | 50 | 12 | 10 | 25 | 45 | 36 | 18 | 17 | 9 | 15 | 13 | 12 | 24 | 14 | 8 | 7 | 6 | 5 | 3 | 17 | 7 | 7 | 5 | 10 | 27 | | 487 |
| SEABROOK FARMS | EVAP | .27 | * | .24 | .20 | .18 | .18 | .02 | * | .40 | .16 | .13 | .23 | .20 | .21 | * | .37 | .18 | .12 | .20 | .19 | .19 | * | .31 | .21 | .20 | .21 | .23 | .19 | * | .35 | | 5.37 |
| | WIND | 33 | 39 | 44 | 27 | 30 | 77 | 45 | * | 57 | 39 | 71 | 65 | 48 | 40 | * | 60 | 23 | 20 | 33 | 33 | 24 | * | 61 | 27 | 43 | 49 | 28 | 22 | * | 58 | | 1096 |
| | MAX | 82 | 72 | 86 | 89 | 89 | 82 | 74 | - | 86 | 83 | 80 | 84 | 77 | 81 | - | 84 | 84 | 81 | 83 | 80 | 84 | - | 85 | 88 | 86 | 87 | 84 | 81 | - | 78 | | 82.7 |
| | MIN | 58 | 61 | 63 | 65 | 65 | 68 | 63 | - | 62 | 62 | 65 | 59 | 53 | 54 | - | 56 | 58 | 54 | 54 | 55 | 55 | - | 60 | 64 | 64 | 65 | 62 | 56 | - | 47 | | 59.6 |

# EVAPORATION AND WIND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 INCHES | MAX | 73 | 83 | 80 | 83 | 73 | 73 | 83 | 81 | 78 | 77 | 80 | 72 | 74 | 74 | 74 | 76 | 74 | 72 | 76 | 73 | 75 | 76 | - | - | 79 | 75 | 73 | 70 | 67 | 67 | | 75.4 |
| | MIN | 61 | 66 | 68 | 64 | 69 | 69 | 67 | 66 | 64 | 67 | 69 | 62 | 61 | 60 | 62 | 61 | 63 | 60 | 63 | 63 | 64 | 66 | - | - | 68 | 70 | 65 | 61 | 59 | 59 | | 64.2 |
| 2 INCHES | MAX | 71 | 78 | 77 | 77 | 73 | 72 | 77 | 78 | 76 | 75 | 75 | 71 | 71 | 71 | 72 | 72 | 72 | 71 | 74 | 74 | 73 | 74 | - | - | 76 | 74 | 72 | 69 | 65 | 66 | | 73.1 |
| | MIN | 64 | 68 | 69 | 65 | 70 | 69 | 68 | 68 | 66 | 69 | 70 | 65 | 63 | 62 | 63 | 63 | 64 | 62 | 64 | 64 | 66 | 67 | - | - | 70 | 70 | 67 | 64 | 61 | 60 | | 65.7 |
| 4 INCHES | MAX | 71 | 76 | 75 | 75 | 72 | 72 | 76 | 76 | 74 | 73 | 74 | 70 | 70 | 70 | 70 | 71 | 71 | 71 | 73 | 73 | 72 | 73 | - | - | 75 | 74 | 71 | 69 | 65 | 66 | | 72.1 |
| | MIN | 63 | 69 | 69 | 67 | 70 | 69 | 69 | 69 | 68 | 69 | 71 | 66 | 64 | 63 | 64 | 64 | 65 | 64 | 65 | 65 | 65 | 69 | - | - | 70 | 71 | 68 | 65 | 62 | 61 | | 66.6 |
| 8 INCHES | MAX | 73 | 73 | 71 | 70 | 72 | 71 | 73 | 73 | 72 | 72 | 73 | 72 | 69 | 69 | 69 | 69 | 69 | 70 | 71 | 72 | 72 | 73 | - | - | 73 | 72 | 71 | 69 | 67 | 66 | | 70.9 |
| | MIN | 69 | 70 | 70 | 67 | 71 | 69 | 70 | 70 | 69 | 70 | 71 | 69 | 66 | 66 | 66 | 66 | 67 | 67 | 67 | 67 | 68 | 69 | - | - | 70 | 71 | 68 | 67 | 65 | 64 | | 68.2 |
| 20 INCHES | MAX | 71 | 70 | 70 | 70 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 69 | 70 | 69 | 69 | 68 | 69 | 70 | 71 | 68 | 69 | - | - | 71 | 70 | 70 | 69 | 68 | 67 | | 69.9 |
| | MIN | 70 | 70 | 69 | 69 | 70 | 69 | 70 | 70 | 70 | 70 | 70 | 70 | 68 | 69 | 68 | 68 | 67 | 68 | 68 | 68 | 67 | 68 | - | - | 68 | 68 | 69 | 68 | 67 | 66 | | 68.6 |
| 40 INCHES | MAX | 70 | 70 | 69 | 69 | 70 | 70 | 70 | 70 | 70 | 70 | 69 | 70 | 69 | 69 | 68 | 68 | 68 | 69 | 68 | 68 | 68 | 68 | - | - | 69 | 69 | 69 | 68 | 68 | 68 | | 69.0 |
| | MIN | 70 | 69 | 69 | 69 | 69 | 69 | 70 | 69 | 69 | 69 | 69 | 69 | 68 | 69 | 68 | 68 | 67 | 68 | 68 | 68 | 67 | 68 | - | - | 68 | 68 | 68 | 68 | 68 | 67 | | 68.4 |
| PLOT 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 85 | 91 | 89 | 92 | 83 | 82 | 90 | 92 | 89 | 87 | 81 | 80 | 82 | 79 | 81 | 83 | 80 | 81 | 84 | 84 | 86 | 89 | - | - | 88 | 85 | 85 | 80 | 76 | 77 | | 84.3 |
| | MIN | 71 | 76 | 77 | 73 | 78 | 78 | 75 | 74 | 73 | 75 | 78 | 69 | 68 | 54 | 57 | 57 | 60 | 57 | 58 | 60 | 63 | 64 | - | - | 68 | 69 | 64 | 58 | 55 | 53 | | 66.5 |
| 2 INCHES | MAX | 72 | 82 | 81 | 83 | 75 | 73 | 83 | 84 | 81 | 79 | 80 | 74 | 76 | 77 | 79 | 80 | 78 | 79 | 82 | 81 | 83 | 85 | - | - | 85 | 83 | 82 | 78 | 73 | 75 | | 79.4 |
| | MIN | 68 | 66 | 67 | 64 | 69 | 69 | 65 | 64 | 64 | 66 | 68 | 60 | 57 | 55 | 59 | 59 | 62 | 59 | 61 | 61 | 64 | 64 | - | - | 69 | 71 | 65 | 60 | 56 | 55 | | 63.1 |
| 4 INCHES | MAX | 72 | 77 | 77 | 83 | 73 | 71 | 78 | 77 | 77 | 75 | 77 | 72 | 72 | 72 | 74 | 74 | 74 | 74 | 78 | 77 | 77 | 79 | - | - | 80 | 79 | 78 | 74 | 70 | 71 | | 75.4 |
| | MIN | 65 | 68 | 70 | 66 | 70 | 70 | 67 | 67 | 66 | 68 | 71 | 65 | 61 | 61 | 61 | 63 | 64 | 62 | 64 | 63 | 64 | 67 | - | - | 70 | 70 | 68 | 63 | 60 | 59 | | 65.5 |
| 8 INCHES | MAX | 71 | 73 | 73 | 83 | 73 | 71 | 74 | 74 | 73 | 73 | 73 | 72 | 70 | 68 | 70 | 70 | 70 | 71 | 73 | 72 | 72 | 72 | - | - | 75 | 75 | 82 | 71 | 69 | 68 | | 72.5 |
| | MIN | 70 | 69 | 70 | 69 | 71 | 70 | 70 | 69 | 69 | 70 | 71 | 69 | 64 | 64 | 65 | 65 | 67 | 66 | 68 | 64 | 68 | 69 | - | - | 71 | 72 | 70 | 67 | 65 | 64 | | 68.1 |

MAX AND MIN TEMPERATURES ARE FOR THE 24 HOUR PERIOD ENDING AT MIDNIGHT.

PLOT #1 - SLOPE OF GROUND; FLAT. SOIL TYPE; LOAM. GROUND COVER; KENTUCKY BLUEGRASS. INSTRUMENTATION; COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

PLOT #2 - SLOPE OF GROUND; FLAT. SOIL TYPE; LOAM. GROUND COVER; BARREN. INSTRUMENTATION; BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLERLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5R | | | BELLERLAIN STATE FOREST |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 | | 7A | | | WALTER J SCHANCK |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER RLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 58 | 10 | 5P | 5P | | C | N.WEST MAGNESITE CO. |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F OROPRE |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5R | | | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LORER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKOAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD RARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7R | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6R | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A | | | CHARLES KOONS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 N | 4987 | 03 | MONMOUTH | 1 | 40 20 | 74 00 | 10 | 6P | 6P | | H | WILBUR R. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MANVILLE | 5197 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | JOHN L. RADCLIFFE |
| MARLBORO SCS | 5244 | 02 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | C | GEROW BRILL |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 9A | 9A | | C H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS. III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | | 8A | 8A | 8A | C GH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEW MONMOUTH | 6154 | 02 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4R | | | ST. MARYS SCHOOL |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5R | 5P | 5P | H | PHILIP E. MARUCCI |
| RENNSAUKEN | 6863 | 02 | CAMDEN | 2 | 39 57 | 75 04 | 60 | | 9A | | | CLOSED 8/16/68 |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 3R | 3P | | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 | | 7A | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5R | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P | | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7R | | | LAWERENCE FASANO. JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5R | 5R | | | CREAM VALLEY DAIRY |
| CLOSED STATION | | | | | | | | | | | | |
| RENNSAUKEN | 6863 | 02 | CAMDEN | 2 | 39 57 | 75 04 | 60 | | 9A | | | CLOSED 8/16/68 |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES. Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

/ Gage is equipped with a windshield.

B Adjusted to a full month

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table

H "Snowfall and Snow on Ground" table Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground, however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

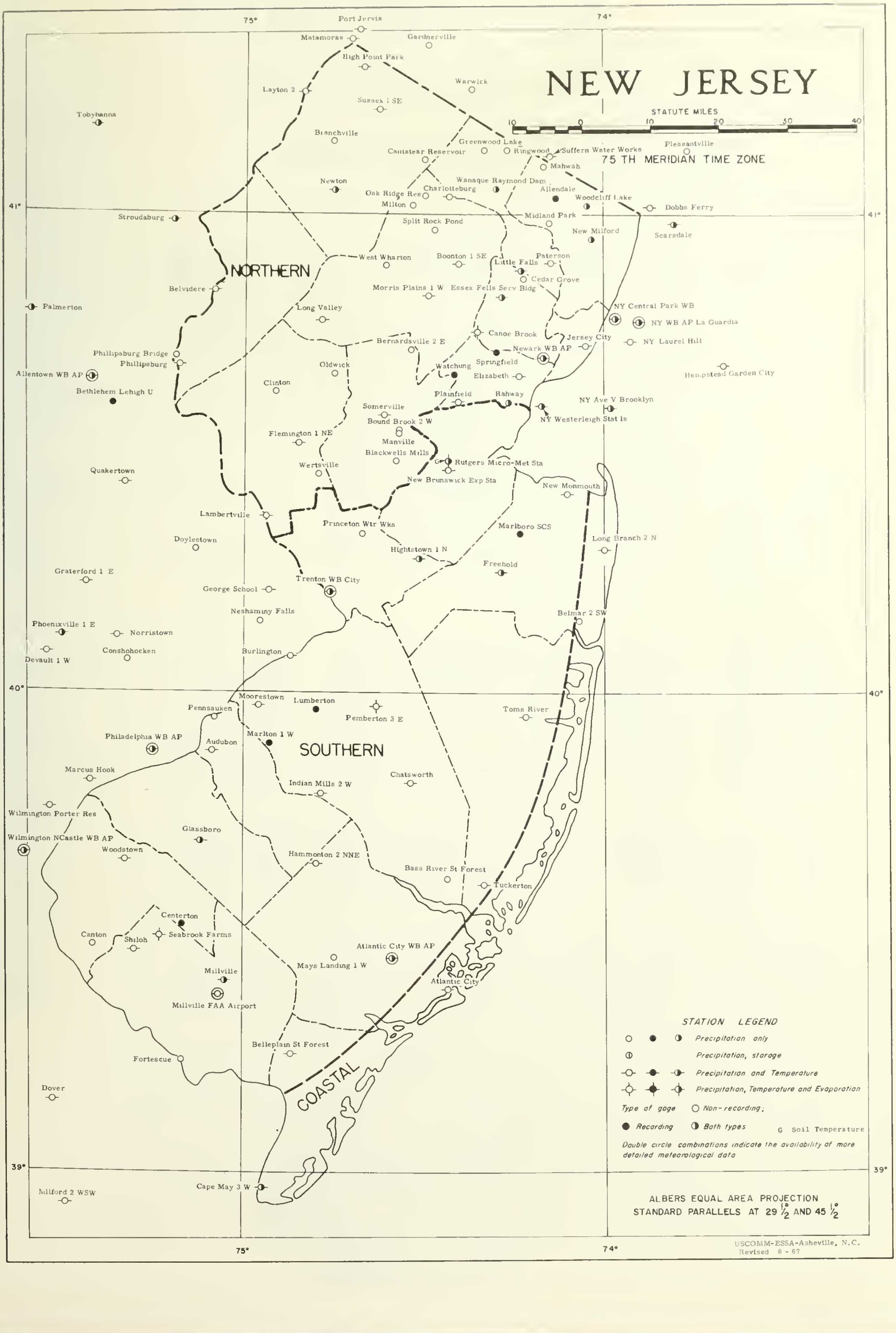
General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-10/30/68-880


NEW JERSEY
STATUTE MILES
10 0 10 20 30 40
75 TH MERIDIAN TIME ZONE
75°
74°
41°
40°
39°
Port Jervis
Matamoras
Gardnerville
High Point Park
Layton 2
Warwick
Sussex 1 SE
Tobyhanna
Branchville
Greenwood Lake
Canistear Reservoir
Ringwood
Suffern Water Works
Pleasantville
Mahwah
Newton
Wanaque Raymond Dam
Charlotteburg
Allendale
Oak Ridge Res
Woodcliff Lake
Milton
Dobbs Ferry
Stroudsburg
Midland Park
Split Rock Pond
New Milford
Scarsdale
West Wharton
Boonton 1 SE
Paterson
Little Falls
Cedar Grove
NORTHERN
Belvidere
Morris Plains 1 W
Essex Fells Serv Bldg
Palmerton
Long Valley
NY Central Park WB
NY WB AP La Guardia
Canoe Brook
Jersey City
NY Laurel Hill
Bernardsville 2 E
Newark WB AP
Phillipsburg Bridge
Phillipsburg
Oldwick
Springfield
Watchung
Hempstead Garden City
Allentown WB AP
Elizabeth
Clinton
Bethlehem Lehigh U
Plainfield
Rahway
NY Ave V Brooklyn
Somerville
Bound Brook 2 W
NY Westerleigh Stat Is
Flemington 1 NE
Manville
Blackwells Mills
G
Rutgers Micro-Met Sta
Wertsville
Quakertown
New Brunswick Exp Sta
New Monmouth
Lambertville
Princeton Wtr Wks
Marlboro SCS
Long Branch 2 N
Doylestown
Hightstown 1 N
Freehold
Graterford 1 E
Trenton WB City
George School
Neshaminy Falls
Belmar 2 SW
Phoenixville 1 E
Norristown
Conshohocken
Devault 1 W
Burlington
Moorestown
Lumberton
Pennsauken
Pemberton 3 E
Toms River
Philadelphia WB AP
Marlton 1 W
Audubon
SOUTHERN
Marcus Hook
Chatsworth
Indian Mills 2 W
Wilmington Porter Res
Glassboro
Wilmington NCastle WB AP
Woodstown
Hammonton 2 NNE
Bass River St Forest
Tuckerton
Centerton
Canton
Shiloh
Seabrook Farms
Atlantic City WB AP
Mays Landing 1 W
Millville
Atlantic City
Millville FAA Airport
STATION LEGEND
○ ● ◑ Precipitation only
⦶ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
-○- -●- -◑- Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording;
● Recording ◑ Both types
G Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
Belleplain St Forest
Fortescue
Dover
COASTAL
Cape May 3 W
Milford 2 WSW
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
75°
74°
USCOMM-ESSA-Asheville, N.C.
Revised 8 - 67

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C. R. SMITH, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
OCTOBER 1968
Volume 73 No. 10

THE LIBRARY OF THE
UNIVERSITY OF ILLINOIS

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | Total | Departure From Normal | Greatest Day | Date | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | | | | | | | | | | 90° or Above | 32° or Below | 32° or Below | 0° or Below | | | | | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| 8ELVIOERE | 66.0 | 42.8 | 54.4 | - .5 | 82 | 3 | 25 | 31 | 323 | 0 | 0 | 3 | 0 | 2.10 | - 1.32 | 1.00 | 25 | .0 | 0 | | 3 | 2 | 1 |
| 8OONTON 1 SE | 66.3 | 43.6 | 55.0 | 1.7 | 81 | 3 | 28 | 31 | 311 | 0 | 0 | 3 | 0 | 2.22 | - 1.18 | .88 | 7 | .0 | 0 | | 4 | 2 | 0 |
| CANOE 8ROOK | 68.3 | 43.3 | 55.8 | 2.1 | 84 | 3 | 25 | 31 | 289 | 0 | 0 | 4 | 0 | 2.17 | - 1.24 | .84 | 20 | .0 | 0 | | 4 | 2 | 0 |
| CHARLOTTE8URG | 64.9 | 43.0 | 54.0 | 1.7 | 80 | 3 | 29 | 31 | 337 | 0 | 0 | 3 | 0 | 2.82 | - 1.02 | .98 | 7 | .0 | 0 | | 4 | 3 | 0 |
| ELIZA8ETH | 68.8 | 48.2 | 58.5 | 1.8 | 83 | 2+ | 32 | 31 | 213 | 0 | 0 | 1 | 0 | 2.62 | - .91 | .92 | 7 | .0 | 0 | | 3 | 3 | 0 |
| ESSEX FELLS SERV 8LOG | 66.4 | 45.6 | 56.0 | | 83 | 3 | 27 | 31 | 292 | 0 | 0 | 3 | 0 | 2.01 | | .72 | 7 | T | 0 | | 3 | 2 | 0 |
| FLEMINGTON 1 NE | 68.0 | 42.0 | 55.0 | - .8 | 85 | 3 | 25 | 31 | 313 | 0 | 0 | 4 | 0 | 2.12 | - 1.20 | 1.15 | 7 | .0 | 0 | | 4 | 1 | 1 |
| HIGH POINT PARK | M | 39.3H | M | | | | | | | 0 | 0 | | 0 | 3.81 | | 1.25 | 7 | .0 | 0 | | 7 | 3 | 2 |
| JERSEY CITY | 65.6 | 52.1 | 58.9 | 2.2 | 82 | 1 | 36 | 31 | 211 | 0 | 0 | 0 | 0 | 2.00 | - 1.18 | .91 | 7 | .0 | 0 | | 3 | 2 | 0 |
| LAM8ERTVILLE | 69.4 | 46.2 | 57.8 | 2.3 | 86 | 2 | 26 | 31 | 239 | 0 | 0 | 3 | 0 | 2.47 | - .53 | 1.31 | 7 | .0 | 0 | | 4 | 2 | 1 |
| LAYTON 2 | 65.3 | 39.7 | 52.5 | | 82 | 3 | 24 | 31 | 380 | 0 | 0 | 6 | 0 | 3.74 | | 1.40 | 25 | T | 0 | | 5 | 3 | 2 |
| LITTLE FALLS | 67.7 | 46.2 | 57.0 | 1.6 | 83 | 3 | 28 | 31 | 260 | 0 | 0 | 2 | 0 | 1.93 | - 1.77 | .65 | 7 | .0 | 0 | | 5 | 2 | 0 |
| LONG VALLEY | 65.0 | 39.1 | 52.1 | | 80 | 3 | 21 | 31 | 395 | 0 | 0 | 5 | 0 | 3.25 | - .32 | 1.17 | 7 | .0 | 0 | | 5 | 3 | 1 |
| HORRIS PLAINS 1 W | 66.3 | 43.1 | 54.7 | | 82 | 3 | 27 | 31 | 319 | 0 | 0 | 4 | 0 | 1.63 | | .75 | 20 | .0 | 0 | | 4 | 1 | 0 |
| NEWARK W8 AIRPORT R | 68.1 | 51.3 | 59.7 | 3.1 | 83 | 3+ | 33 | 31 | 193 | 0 | 0 | 0 | 0 | 2.02 | - 1.09 | .81 | 19 | .0 | 0 | | 4 | 2 | 0 |
| NEWTON | 65.1 | 40.9 | 53.0 | .5 | 81 | 3 | 26 | 6 | 368 | 0 | 0 | 5 | 0 | 2.83 | - .59 | .98 | 7 | .0 | 0 | | 5 | 3 | 0 |
| PATERSON | 68.6 | 48.9 | 58.8 | 2.7 | 84 | 3 | 34 | 31 | 215 | 0 | 0 | 0 | 0 | 2.55 | - .92 | 1.06 | 25 | .0 | 0 | | 3 | 3 | 1 |
| PHILLIPS8URG | 69.6 | 45.3 | 57.5 | 3.0 | 85 | 3+ | 27 | 31 | 244 | 0 | 0 | 3 | 0 | 2.92 | - .50 | 1.13 | 7 | .0 | 0 | | 3 | 3 | 1 |
| PLAINFIELO | 68.0 | 46.5 | 57.3 | 1.4 | 85 | 2 | 28 | 31 | 250 | 0 | 0 | 3 | 0 | 2.42 | - 1.04 | 1.02 | 19 | .0 | 0 | | 4 | 2 | 1 |
| SOHERVILLE | 67.6 | 45.8 | 56.7 | 1.4 | 83 | 2 | 25 | 31 | 264 | 0 | 0 | 3 | 0 | 2.24 | - 1.11 | .78 | 7 | .0 | 0 | | 4 | 3 | 0 |
| SUSSEX 1 SE | 64.7 | 37.9 | 51.3 | - 1.9 | 82 | 3 | 23 | 6 | 418 | 0 | 0 | 6 | 0 | 2.84 | - .44 | .88 | 7 | .0 | 0 | | 4 | 3 | 0 |
| OIVISION | | | 55.8 | 1.3 | | | | | | | | | | 2.51 | - .91 | | | T | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY W8 AP | 66.3 | 43.7 | 55.0 | - 2.2 | 84 | 3 | 25 | 31 | 314 | 0 | 0 | 5 | 0 | 2.73 | - .47 | 1.12 | 7 | .0 | 0 | | 6 | 2 | 1 |
| AUOU8ON | 70.7 | 49.0 | 59.9 | | 88 | 2 | 33 | 31 | 186 | 0 | 0 | 0 | 0 | 2.73 | | 1.33 | 7 | .0 | 0 | | 3 | 2 | 2 |
| 8ELLEPLAIN ST FOREST | 70.2 | 46.5 | 58.4 | | 86 | 3 | 24 | 31 | 223 | 0 | 0 | 3 | 0 | 3.09 | - .60 | 1.25 | 7 | .0 | 0 | | 6 | 3 | 1 |
| 8URLINGTON | 69.2M | 49.6 | 59.4H | 1.4 | 86 | 2 | 31 | 6 | 206 | 0 | 0 | 2 | 0 | 2.47 | - .88 | 1.30 | 19 | .0 | 0 | | 3 | 2 | 1 |
| CHATSWORTH | 70.0H | 45.7M | 57.9M | | 85 | 2+ | | | 237 | 0 | 0 | | 0 | 2.73 | | 1.30 | 19 | .0 | 0 | | 4 | 2 | 2 |
| FREEHOLD | 67.6 | 45.4 | 56.5 | .4 | 85 | 4 | 29 | 31 | 275 | 0 | 0 | 3 | 0 | 2.67 | - .92 | 1.34 | 20 | .0 | 0 | | 3 | 2 | 1 |
| GLASS8ORO | 70.0 | 46.3 | 58.2 | | 88 | 4 | 28 | 31 | 226 | 0 | 0 | 1 | 0 | 2.76 | | 1.49 | 7 | .0 | 0 | | 3 | 2 | 2 |
| HAHHONTON 2 NNE | 71.4 | 46.9 | 59.2 | 2.0 | 88 | 4 | 29 | 31 | 205 | 0 | 0 | 3 | 0 | 2.83 | - .86 | 1.39 | 20 | .0 | 0 | | 5 | 2 | 1 |
| HIGHTSTOWN 1 N | 67.1 | 46.9 | 57.0 | 1.1 | 83 | 2 | 29 | 31 | 260 | 0 | 0 | 3 | 0 | 2.37 | - .95 | .99 | 19 | .0 | 0 | | 4 | 3 | 0 |
| INOIAN HILLS 2 W | 68.5 | 42.8 | 55.7 | - .2 | 86 | 3 | 19 | 31 | 294 | 0 | 0 | 6 | 0 | 2.74 | - .67 | 1.43 | 19 | .0 | 0 | | 2 | 2 | 2 |
| MILLVILLE | 70.6H | 47.9M | 59.3M | | 88 | 4 | 28 | 31 | 208 | 0 | 0 | 1 | 0 | 4.27 | | 1.25 | 7 | .0 | 0 | | 6 | 3 | 3 |
| HILLVILLE FAA AIRPORT | 68.2 | 48.6 | 58.4 | | 86 | 3 | 30 | 31 | 217 | 0 | 0 | 2 | 0 | 4.40 | | 1.69 | 19 | .0 | 0 | | 6 | 4 | 1 |
| MOORESTOWN | 67.2 | 46.4 | 56.8 | .9 | 85 | 2 | 29 | 31 | 266 | 0 | 0 | 2 | 0 | 2.92 | - .14 | 1.30 | 19 | .0 | 0 | | 3 | 2 | 2 |
| NEW 8RUNSWICK | 67.0 | 46.9 | 57.0 | | 83 | 3 | 31 | 31 | 257 | 0 | 0 | 1 | 0 | 1.99 | | .70 | 7 | .0 | 0 | | 4 | 2 | 0 |
| NEW MONMOUTH | | | | | | | | | | | | | | | | | | | | | | | |
| PEH8ERTON 3 E | 69.8 | 45.3 | 57.6 | .8 | 85 | 3+ | 23 | 31 | 247 | 0 | 0 | 4 | 0 | 2.83 | - .44 | 1.45 | 19 | .0 | 0 | | 2 | 2 | 2 |
| SEA8ROOK FARHS | 69.1 | 48.4 | 58.8 | | 88 | 4 | 28 | 31 | 215 | 0 | 0 | 1 | 0 | 2.96 | | 1.60 | 7 | .0 | 0 | | 3 | 2 | 2 |
| SHILOH | 69.8 | 49.3 | 59.6 | 2.3 | 88 | 3 | 33 | 31 | 194 | 0 | 0 | 0 | 0 | 2.51 | - .65 | 1.43 | 7 | .0 | 0 | | 2 | 2 | 1 |
| TOMS RIVER | 68.2 | 46.4 | 57.3 | | 85 | 4 | 25 | 31 | 253 | 0 | 0 | 2 | 0 | 3.22 | | 1.26 | 20 | .0 | 0 | | 4 | 3 | 2 |
| TRENTON W8 CITY R | 66.6 | 50.5 | 58.6 | 1.8 | 83 | 2 | 34 | 31 | 221 | 0 | 0 | 0 | 0 | 1.92 | - .92 | 1.06 | 19 | .0 | 0 | | 3 | 2 | 1 |
| TUCKERTON | 68.8 | 47.0 | 57.9 | | 86 | 1 | 27 | 31 | 232 | 0 | 0 | 2 | 0 | 3.13 | | 1.09 | 19 | .0 | 0 | | 6 | 2 | 1 |
| WOOOSTOWN | 69.3 | 47.8 | 58.6 | | 84 | 2 | 26 | 31 | 216 | 0 | 0 | 3 | 0 | 2.74 | | 1.51 | 7 | .0 | 0 | | 2 | 2 | 2 |
| OIVISION | | | 58.0 | 1.5 | | | | | | | | | | 2.86 | - .49 | | | .0 | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 66.9 | 53.5 | 60.2 | 1.5 | 78 | 1 | 35 | 31 | 180 | 0 | 0 | 0 | 0 | 2.36 | - 1.03 | .82 | 7 | | | | 5 | 2 | 0 |
| CAPE MAY 3 W | 69.7H | 55.6H | 62.7M | | 84 | 3 | 43 | 31+ | 119 | 0 | 0 | 0 | 0 | 2.11 | | .80 | 7 | .0 | 0 | | 6 | 1 | 0 |
| LONG 8RANCH 2 N | 66.1 | 51.1 | 58.6 | 2.4 | 83 | 3 | 33 | 31 | 210 | 0 | 0 | 0 | 0 | 2.90 | - .81 | 1.03 | 19 | .0 | 0 | | 5 | 2 | 1 |
| OIVISION | | | 60.5 | 2.5 | | | | | | | | | | 2.46 | - .84 | | | .0 | | | | | |

## EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>6 STATIONS | 88 | OATE | 04+ |
| LOWEST TEMPERATURE<br>INOIAN HILLS 2 W | 19 | OATE | 31 |
| GREATEST TOTAL PRECIPITATION<br>HILLVILLE FAA AIRPORT | 4.40 | | |
| LEAST TOTAL PRECIPITATION<br>8OUNO 8ROOK 2 W | 1.62 | | |
| GREATEST 1 OAY PRECIPITATION<br>HAYS LANOING 1 W | 1.74 | OATE | 20 |
| GREATEST TOTAL SNOWFALL<br>2 STATIONS | T | | |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

NEW JERSEY
OCTOBER 1968

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 2.10 | | | | .04 | | | .73 | .07 | | | .02 | | | | T | | | | .11 | T | | | | | 1.00 | | T | .02 | .09 | .02 | |
| BERNARDSVILLE 2 E | 2.46 | | | | .05 | | | .80 | .18 | | | .06 | | | | | | | | .04 | .63 | | | | | .62 | .04 | | | .01 | .03 | |
| BLACKWELLS MILLS | 1.89 | | | | | | | .63 | | | | | | | | | | | .03 | .01 | .88 | | | | | .25 | .05 | | | .04 | | |
| BOONTON 1 SE | 2.22 | | | | T | | | .88 | .20 | | | .07 | T | | | | | | | .02 | .58 | | | | | .47 | T | T | T | T | | |
| BOUND BROOK 2 W | 1.62 | | | | T | | | .50 | T | | | T | | | | | | | | .01 | .73 | | | | | .31 | | | | .07 | | |
| BRANCHVILLE | 2.81 | | | | .04 | | | .96 | .18 | | | .07 | | | | | | | | .18 | .63 | | | | | .67 | .05 | | .03 | | | |
| CANISTEAR RESERVOIR | 2.66 | | | | .13 | T | | .84 | .19 | | | .09 | .01 | | | | | | | .10 | .60 | | | | | .61 | .06 | | T | .02 | .01 | |
| CANOE BROOK | 2.17 | | | | .06 | | | .68 | .16 | | | .03 | | | | | | | | .02 | .84 | | | | | .37 | | | T | .01 | T | |
| CHARLOTTEBURG | 2.82 | | | | T | | T | .98 | .31 | | | .07 | .04 | | | | | | | .09 | .69 | | | | | .53 | | .04 | | .03 | .04 | T |
| CLINTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ELIZABETH | 2.62 | | | | .08 | | | .92 | | | | | | | | | | | | .90 | .05 | | | | | .63 | | | T | .04 | | |
| ESSEX FELLS SERV BLDG | 2.01 | | | | T | | | .72 | .03 | | | .08 | | | | | | | | | .67 | | | | | .49 | | | .01 | .01 | T | |
| FLEMINGTON 1 NE | 2.12 | | | | .02 | | | 1.15 | | | | .14 | | | | | | | | .04 | .48 | | | | | .24 | | | T | .05 | T | |
| GREENWOOD LAKE | 2.87 | | | | .10 | | | .90 | .35 | | | .10 | .05 | | | | | | | .12 | .64 | | | | | .48 | .07 | | | .06 | | |
| HIGH POINT PARK | 3.81 | | | | .10 | | | 1.25 | | | | .10 | | | | | | | | .18 | 1.10 | | | | | .96 | .10 | | | | .02 | |
| JERSEY CITY | 2.00 | | | .03 | | | T | .91 | | | | .02 | | | | | | | | .63 | | | | | T | .41 | | | T | | | |
| LAMBERTVILLE | 2.47 | | | T | .02 | | | 1.31 | | | | .03 | | | | | | | .02 | .77 | .03 | | | | | .11 | | | T | .18 | | |
| LAYTON 2 | 3.74 | | | | .06 | | | 1.22 | .16 | | | .03 | | T | | | | | | .16 | .71 | | | | | 1.40 | T | T | T | | | T |
| LITTLE FALLS | 1.93 | | | | .06 | | | .65 | .10 | | | .05 | | | | | | | | .10 | .52 | | | | | .43 | | T | .01 | .01 | | |
| LONG VALLEY | 3.25 | | | | .01 | | | 1.17 | .19 | | | .06 | | | | | | | | .08 | .69 | | | | | .91 | .01 | | | .11 | .02 | |
| MAHWAH | 2.74 | | | | .02 | | | .94 | .53 | | | .09 | .02 | | | | .01 | | | .07 | .55 | | | | | .47 | .02 | | | .02 | | |
| MANVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MIDLAND PARK | 2.56 | | | .07 | .01 | | .14 | .98 | | | | .11 | | | | | | | | .67 | | | | | .03 | .55 | | | | | | |
| MILTON | 2.97 | | | | .04 | | | 1.13 | .20 | | | .11 | | .01 | | | | | | .08 | .75 | | | | | .58 | | .02 | .03 | .02 | | |
| MORRIS PLAINS 1 W | 1.63 | | | | .02 | | | .10 | .19 | | | .06 | T | T | | T | T | | | .01 | .75 | T | | | | .43 | .04 | | T | .02 | .01 | |
| NEWARK WB AIRPORT R | 2.02 | | | .04 | T | T | .15 | .65 | | | T | T | | | | | | | | .81 | | | | | T | .34 | T | | .03 | T | | |
| NEW MILFORD | 1.68 | | | | | | | .61 | | | | | | | | | | | | .62 | | | | | | .45 | | | | | | |
| NEWTON | 2.83 | | | | .05 | | | .98 | .10 | | | .05 | | | | | | | | .15 | .63 | | | | | .79 | T | .03 | .01 | .04 | | |
| OAK RIDGE RESERVOIR | 3.24 | | | | .09 | | | 1.04 | .21 | | | .10 | | | | | | | | .09 | .58 | | | | | 1.03 | | | .04 | .06 | | T |
| PATERSON | 2.55 | | | | .02 | | | .72 | .08 | | | .05 | T | | | | | | | .01 | .60 | | | | | 1.06 | .01 | | | T | T | T |
| PHILLIPSBURG | 2.92 | | | | | | | 1.13 | | | | .03 | | | | | | | | .74 | .05 | | | | | .97 | | | | | T | |
| PHILLIPSBURG BRIDGE | 3.17 | | | | | | | 1.17 | | | | | | | | | | | | .86 | | | | | | 1.13 | | | | | .01 | |
| PLAINFIELD | 2.42 | | | | .09 | | | .83 | | | | .05 | | | | | | | T | 1.02 | | | | | T | .32 | T | | .11 | T | | |
| POTTERSVILLE 2 NNW | 3.58 | | | | T | T | .09 | 1.48 | .24 | | | .06 | T | T | | | T | | | .05 | .82 | | | | | .71 | | T | T | .03 | .09 | .01 |
| RAHWAY | 1.94 | | | .06 | | | .23 | .72 | | | T | | .02 | | | | | | | .56 | | | | | | .25 | | | .10 | | | |
| RINGWOOD | 2.34 | | | | | | | 1.17 | | | | .08 | T | | | | | | | .21 | .38 | | | | | .50 | | | T | | | |
| SOMERVILLE | 2.24 | | | | .09 | | | .78 | | | | .03 | | | | | | | | .72 | | | | | | .50 | | | T | .12 | | |
| SPLIT ROCK POND | 2.88 | | | | .04 | | | 1.09 | .21 | | | .11 | | | | | | | | .09 | .74 | | | | | .55 | | .02 | | .03 | | |
| SUSSEX 1 SE | 2.84 | | | | .04 | | | .88 | .09 | | | .06 | .02 | | | | | | | .16 | .62 | | | | | .87 | .06 | | .01 | .02 | .01 | |
| WANAQUE RAYMOND DAM | 2.60 | | | | T | | | 1.02 | .26 | | | .08 | .01 | | | | | | | .04 | .55 | | | | | .64 | | | T | T | | |
| WERTSVILLE | 2.25 | | | | .01 | | | .97 | .07 | | | .04 | | | T | | | | | .06 | .67 | | | | | .30 | | | | .13 | T | |
| WEST WHARTON | 2.41 | | | | .04 | | | .77 | .21 | | | .05 | | | | | | | | .05 | .58 | | | | | .60 | .02 | | T | .08 | .01 | |
| WOODCLIFF LAKE | 2.17 | | | | | | | .81 | | | | .05 | .03 | | | | | | | .60 | | | | | .17 | .51 | | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 2.73 | | | .74 | | | .12 | 1.12 | | | | T | | | | | | | T | .39 | | | | | T | .12 | | | .24 | | | |
| AUDUBON | 2.73 | | | .06 | | | T | 1.33 | | | | .06 | | | | | | | | 1.18 | | | | | T | | | | .10 | | | |
| BASS RIVER ST FOREST | 3.58 | | | | .32 | | | 1.33 | | | | | | | | T | T | | | | 1.48 | | | | | .16 | | | | .29 | | |
| BELLEPLAIN ST FOREST | 3.09 | | | | .73 | | | 1.25 | | | | | | | | | | | | .50 | | | | | T | .21 | | | .22 | .18 | | |
| BURLINGTON | 2.47 | | | | | .01 | | .87 | | | | | | | | | | | | 1.30 | .02 | | | | | .22 | .05 | | T | | | |
| CANTON | 2.33 | | | | .10 | | | 1.40 | | | | | | | | | | | | | .82 | | | | | | | | | .01 | | |
| CHATSWORTH | 2.73 | | | | .16 | | | 1.03 | | | | .02 | | | | | | | | 1.30 | | | | | | | | | .22 | | | |
| FORTESCUE | 3.15 | | | | .75 | | | .85 | | | | | | | | | | | | | 1.32 | | | | | .08 | | | | .15 | | |
| FREEHOLD | 2.67 | | | | .26 | | T | .86 | .07 | | | | | | .03 | | | | | | 1.34 | | | | | .05 | | | | .06 | | |
| GLASSBORO | 2.76 | | | | .10 | | | 1.49 | .02 | | | .01 | | | | | | .02 | .07 | 1.03 | | | | T | .01 | | | | .01 | | | |
| HAMMONTON 2 NNE | 2.83 | | | | .10 | | | .90 | .12 | | | | | | | | | | | .02 | 1.39 | | | | | .24 | | | | .06 | | |
| HIGHTSTOWN 1 N | 2.37 | | | T | .10 | | | .74 | | | | T | | | | | | | | .99 | .01 | | | | T | .52 | | | .01 | | | |
| INDIAN MILLS 2 W | 2.74 | | | T | .08 | | | 1.17 | | | | T | | | | | | | | 1.43 | | | | | | .03 | | | .03 | | | |
| MAYS LANDING 1 W | 3.59 | | | | .69 | | | .90 | T | | | | | | | | | | | T | 1.74 | | | | | .08 | | | | .18 | | |
| MILLVILLE | 4.27 | | | | 1.10 | | | 1.25 | T | | | T | | | .04 | | T | | | .20 | 1.18 | | | | | .35 | | | | .15 | | |
| MILLVILLE FAA AIRPORT | 4.40 | | | .79 | | | .20 | .94 | | | | T | | | | | | | T | 1.69 | | | | | T | .67 | | | .11 | | | |
| MOORESTOWN | 2.92 | | | | T | | | 1.10 | | | | .05 | | | | | | | | 1.30 | | | | | | .47 | | | T | | | |
| NEW BRUNSWICK | 1.99 | | | | .02 | | | .70 | .11 | | | .02 | | | | | | | | .09 | .63 | | | | | .38 | | | T | .04 | T | T |
| NEW MONMOUTH | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PEMBERTON 3 E | 2.83 | | | | .07 | | | 1.15 | | | | .02 | | | | | | | | 1.45 | | | | | | .05 | | | .09 | | | |
| PRINCETON WATER WORKS | 1.76 | | | T | T | | .13 | .67 | | | | T | T | | | | | | | .88 | | | | | T | .06 | | | .02 | | | |
| SEABROOK FARMS | 2.96 | | | | .06 | | | 1.60 | T | | | .02 | | | .01 | T | T | T | | .18 | 1.07 | | | | | T | | | | .02 | | |
| SHILOH | 2.51 | | | | .08 | | | 1.43 | | | | .01 | | | | | | | | .97 | | | | | | T | | | .02 | | | |
| TOMS RIVER | 3.22 | | | | .51 | | | 1.19 | | | | | | | | | | | | .04 | 1.26 | | | | | .06 | | | | .16 | | |
| TRENTON WB CITY R | 1.92 | | | .01 | | | .16 | .58 | | | T | .02 | | | T | | | | T | 1.06 | | | | | T | .09 | T | | T | | T | |
| TUCKERTON | 3.13 | | | .35 | .10 | | | .95 | | | .01 | | | | T | | | | | 1.09 | T | | | | T | .25 | | | .38 | T | | |
| WOODSTOWN | 2.74 | | | T | .05 | | | 1.51 | | | | .01 | | | | | | | | 1.05 | .01 | | | | T | .09 | | | | .02 | T | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 2.36 | | | .70 | | | .09 | .82 | | | | | | | | | | | | .39 | | | | | | .12 | | | .24 | | | |
| BELMAR 2 SW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CAPE MAY 3 W | 2.11 | | | | .45 | | | .80 | | | | | | | | | | | | .14 | .09 | | | | | .27 | T | | .21 | .15 | T | |
| LONG BRANCH 2 N | 2.90 | | | .23 | .42 | | | .91 | | | | | | | .02 | T | .01 | T | T | 1.03 | .06 | | | | | .13 | | | .09 | | T | |

# SUPPLEMENTAL DATA

| Station | Wind (Speed - m.p.h.) | | | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | EASTERN STANDARD TIME 1 AM | 7 AM | 1 PM | 7 PM | Trace | .01–.09 | .10–.49 | .50–.99 | 1.00–1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 26 | 3.8 | 9.6 | 24++ | 28 | 26+ | 84 | 84 | 52 | 72 | 3 | 0 | 4 | 1 | 1 | 0 | 9 | 52 | 5.0 |
| ATLANTIC CITY ST. MARINA | - | - | - | 33 | NW | 21+ | - | - | - | - | 0 | 1 | 3 | 2 | 0 | 0 | 6 | - | - |
| NEWARK WB AIRPORT | 25 | 4.5 | 9.9 | 25++ | 29 | 26+ | 78 | 82 | 54 | 67 | 7 | 2 | 2 | 2 | 0 | 0 | 13 | - | 5.6 |
| TRENTON WB CITY | - | - | - | 27 | NW | 29 | - | - | - | - | 7 | 3 | 1 | 1 | 1 | 0 | 13 | 58 | 5.4 |

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 73 | 80 | 82 | 73 | 58 | 58 | 61 | 67 | 66 | 66 | 62 | 61 | 66 | 76 | 65 | 70 | 76 | 78 | 73 | 70 | 70 | 64 | 66 | 68 | 64 | 61 | 50 | 61 | 59 | 52 | 50 | 66.0 |
| | MIN | 44 | 49 | 52 | 45 | 36 | 31 | 33 | 52 | 36 | 40 | 45 | 51 | 53 | 54 | 53 | 50 | 52 | 51 | 56 | 44 | 47 | 36 | 37 | 39 | 40 | 43 | 33 | 40 | 33 | 28 | 25 | 42.8 |
| BOONTON 1 SE | MAX | 71 | 77 | 81 | 76 | 60 | 58 | 60 | 66 | 63 | 66 | 64 | 65 | 65 | 76 | 71 | 69 | 77 | 77 | 76 | 70 | 68 | 64 | 68 | 68 | 66 | 59 | 54 | 60 | 58 | 54 | 49 | 66.3 |
| | MIN | 51 | 54 | 54 | 51 | 41 | 29 | 32 | 46 | 39 | 39 | 36 | 48 | 49 | 50 | 51 | 44 | 46 | 46 | 60 | 48 | 49 | 39 | 43 | 40 | 44 | 43 | 40 | 36 | 39 | 36 | 28 | 43.6 |
| CANOE BROOK | MAX | 74 | 82 | 84 | 80 | 64 | 61 | 63 | 68 | 64 | 64 | 63 | 65 | 68 | 77 | 69 | 72 | 80 | 81 | 75 | 71 | 69 | 64 | 69 | 73 | 65 | 61 | 58 | 63 | 63 | 55 | 52 | 68.3 |
| | MIN | 41 | 50 | 55 | 49 | 35 | 32 | 35 | 42 | 40 | 40 | 43 | 48 | 49 | 50 | 53 | 48 | 50 | 55 | 61 | 48 | 49 | 39 | 43 | 40 | 46 | 42 | 38 | 37 | 32 | 28 | 25 | 43.3 |
| CHARLOTTEBURG | MAX | 70 | 78 | 80 | 75 | 57 | 55 | 58 | 64 | 62 | 63 | 60 | 60 | 63 | 75 | 70 | 70 | 78 | 79 | 74 | 70 | 64 | 62 | 69 | 68 | 64 | 57 | 52 | 60 | 57 | 51 | 46 | 64.9 |
| | MIN | 45 | 50 | 55 | 48 | 38 | 31 | 31 | 45 | 38 | 38 | 38 | 52 | 48 | 49 | 48 | 47 | 49 | 49 | 58 | 49 | 46 | 43 | 44 | 39 | 41 | 42 | 37 | 39 | 34 | 33 | 29 | 43.0 |
| ELIZABETH | MAX | 83 | 83 | 81 | 77 | 64 | 64 | 69 | 68 | 60 | 66 | 63 | 68 | 76 | 70 | 69 | 78 | 80 | 77 | 72 | 71 | 68 | 69 | 73 | 68 | 65 | 59 | 63 | 60 | 56 | 55 | 58 | 68.8 |
| | MIN | 50 | 58 | 56 | 53 | 40 | 36 | 55 | 47 | 49 | 46 | 55 | 51 | 50 | 55 | 54 | 50 | 52 | 59 | 64 | 50 | 50 | 41 | 45 | 48 | 54 | 44 | 38 | 42 | 37 | 34 | 32 | 48.2 |
| ESSEX FELLS SERV BLDG | MAX | 73 | 82 | 83 | 78 | 60 | 59 | 61 | 66 | 63 | 63 | 62 | 62 | 65 | 74 | 69 | 70 | 78 | 79 | 74 | 70 | 69 | 64 | 69 | 70 | 63 | 60 | 53 | 62 | 57 | 54 | 47 | 66.4 |
| | MIN | 48 | 58 | 62 | 49 | 35 | 32 | 47 | 43 | 41 | 42 | 52 | 49 | 52 | 52 | 52 | 48 | 53 | 58 | 63 | 47 | 47 | 39 | 46 | 42 | 51 | 42 | 34 | 42 | 33 | 28 | 27 | 45.6 |
| FLEMINGTON 1 NE | MAX | 74 | 83 | 85 | 80 | 61 | 61 | 65 | 67 | 66 | 63 | 65 | 65 | 75 | 79 | 67 | 70 | 78 | 81 | 78 | 72 | 68 | 63 | 69 | 68 | 65 | 61 | 54 | 62 | 58 | 55 | 50 | 68.0 |
| | MIN | 44 | 48 | 54 | 50 | 34 | 27 | 27 | 43 | 39 | 38 | 44 | 50 | 54 | 53 | 50 | 45 | 45 | 50 | 58 | 46 | 48 | 35 | 34 | 40 | 48 | 43 | 35 | 33 | 34 | 27 | 25 | 42.0 |
| HIGH POINT PARK | MAX | 76 | | | 69 | | | 76 | 60 | 50 | 55 | | 68 | 70 | | 61 | 59 | 65 | 65 | 68 | | 61 | 48 | 56 | 57 | 48 | 58 | | | 48 | 35 | | |
| | MIN | 41 | | | 40 | 33 | 34 | 40 | 32 | 36 | 35 | | | 44 | | 48 | 44 | 48 | 46 | 51 | | 41 | 37 | 37 | 42 | 43 | 36 | | | 29 | 28 | | 39.3 |
| JERSEY CITY | MAX | 82 | 77 | 80 | 74 | 61 | 58 | 67 | 64 | 62 | 60 | 60 | 67 | 72 | 64 | 69 | 77 | 77 | 71 | 69 | 67 | 62 | 65 | 72 | 66 | 61 | 56 | 62 | 57 | 53 | 49 | 53 | 65.6 |
| | MIN | 59 | 65 | 65 | 52 | 43 | 42 | 56 | 52 | 47 | 52 | 50 | 51 | 57 | 55 | 58 | 58 | 60 | 63 | 58 | 54 | 50 | 50 | 56 | 57 | 51 | 46 | 43 | 49 | 42 | 39 | 36 | 52.1 |
| LAMBERTVILLE | MAX | 85 | 86 | 80 | 76 | 63 | 65 | 69 | 69 | 68 | 68 | 66 | 72 | 79 | 70 | 71 | 79 | 81 | 81 | 75 | 71 | 66 | 70 | 71 | 66 | 63 | 58 | 63 | 61 | 53 | 51 | 56 | 69.4 |
| | MIN | 46 | 54 | 62 | 50 | 37 | 32 | 51 | 44 | 44 | 41 | 53 | 52 | 55 | 56 | 53 | 50 | 51 | 56 | 64 | 48 | 47 | 37 | 46 | 42 | 52 | 42 | 33 | 41 | 38 | 30 | 26 | 46.2 |
| LAYTON 2 | MAX | 72 | 79 | 82 | 71 | 59 | 58 | 59 | 63 | 63 | 62 | 62 | 63 | 67 | 74 | 69 | 70 | 78 | 78 | 75 | 68 | 67 | 61 | 67 | 69 | 62 | 58 | 52 | 61 | 57 | 49 | 49 | 65.3 |
| | MIN | 41 | 43 | 50 | 41 | 31 | 29 | 33 | 40 | 37 | 39 | 41 | 48 | 51 | 46 | 50 | 49 | 51 | 51 | 55 | 41 | 43 | 34 | 36 | 34 | 36 | 36 | 30 | 37 | 27 | 28 | 24 | 39.7 |
| LITTLE FALLS | MAX | 74 | 82 | 83 | 80 | 61 | 60 | 62 | 68 | 63 | 65 | 62 | 64 | 68 | 76 | 70 | 71 | 79 | 80 | 78 | 72 | 68 | 64 | 68 | 71 | 65 | 62 | 56 | 63 | 61 | 54 | 50 | 67.7 |
| | MIN | 53 | 56 | 60 | 51 | 40 | 34 | 52 | 47 | 42 | 41 | 46 | 49 | 51 | 50 | 52 | 49 | 50 | 52 | 62 | 51 | 50 | 44 | 45 | 42 | 40 | 46 | 37 | 42 | 37 | 32 | 28 | 46.2 |
| LONG VALLEY | MAX | 70 | 79 | 80 | 74 | 58 | 57 | 60 | 65 | 63 | 63 | 61 | 62 | 65 | 74 | 69 | 67 | 76 | 77 | 73 | 70 | 68 | 61 | 65 | 67 | 65 | 58 | 51 | 59 | 59 | 51 | 49 | 65.0 |
| | MIN | 42 | 46 | 48 | 42 | 33 | 24 | 43 | 41 | 36 | 35 | 39 | 49 | 46 | 50 | 48 | 43 | 42 | 45 | 55 | 45 | 43 | 35 | 35 | 35 | 39 | 36 | 30 | 33 | 27 | 26 | 21 | 39.1 |
| MORRIS PLAINS 1 W | MAX | 72 | 80 | 82 | 77 | 61 | 60 | 60 | 65 | 64 | 64 | 62 | 63 | 66 | 75 | 69 | 69 | 78 | 80 | 75 | 70 | 70 | 62 | 66 | 70 | 64 | 60 | 54 | 60 | 57 | 51 | 49 | 66.3 |
| | MIN | 49 | 53 | 55 | 49 | 39 | 30 | 30 | 44 | 41 | 37 | 38 | 48 | 50 | 52 | 51 | 48 | 47 | 49 | 59 | 44 | 47 | 38 | 39 | 42 | 50 | 45 | 36 | 35 | 33 | 32 | 27 | 43.1 |
| NEWARK WB AIRPORT | MAX | 82 | 83 | 83 | 65 | 63 | 62 | 71 | 66 | 65 | 64 | 64 | 70 | 74 | 68 | 71 | 79 | 80 | 76 | 74 | 71 | 66 | 70 | 72 | 67 | 63 | 58 | 64 | 59 | 55 | 51 | 55 | 68.1 |
| | MIN | 56 | 62 | 65 | 48 | 43 | 41 | 55 | 51 | 50 | 49 | 58 | 54 | 57 | 57 | 57 | 54 | 58 | 63 | 61 | 55 | 51 | 45 | 54 | 53 | 50 | 44 | 41 | 49 | 40 | 35 | 33 | 51.3 |
| NEWTON | MAX | 71 | 80 | 81 | 74 | 58 | 57 | 59 | 64 | 63 | 63 | 61 | 66 | 65 | 74 | 71 | 69 | 77 | 77 | 75 | 70 | 67 | 60 | 66 | 66 | 63 | 56 | 50 | 59 | 58 | 49 | 48 | 65.1 |
| | MIN | 41 | 45 | 51 | 46 | 36 | 26 | 28 | 46 | 34 | 36 | 39 | 52 | 52 | 49 | 48 | 48 | 47 | 50 | 57 | 46 | 49 | 34 | 36 | 35 | 39 | 42 | 36 | 36 | 30 | 27 | 27 | 40.9 |
| PATERSON | MAX | 82 | 83 | 84 | 81 | 64 | 63 | 63 | 69 | 65 | 65 | 62 | 65 | 68 | 76 | 72 | 70 | 80 | 82 | 74 | 71 | 68 | 64 | 70 | 72 | 64 | 62 | 59 | 63 | 60 | 55 | 52 | 68.6 |
| | MIN | 58 | 54 | 63 | 52 | 41 | 38 | 44 | 48 | 45 | 45 | 50 | 53 | 53 | 53 | 55 | 51 | 54 | 58 | 64 | 53 | 53 | 45 | 50 | 47 | 51 | 45 | 39 | 44 | 40 | 37 | 34 | 48.9 |
| PHILLIPSBURG | MAX | 82 | 85 | 85 | 75 | 60 | 63 | 67 | 67 | 67 | 66 | 64 | 70 | 77 | 78 | 71 | 78 | 80 | 80 | 75 | 72 | 73 | 69 | 69 | 68 | 63 | 60 | 64 | 64 | 59 | 51 | 57 | 69.6 |
| | MIN | 46 | 53 | 55 | 47 | 38 | 31 | 51 | 44 | 42 | 41 | 53 | 56 | 54 | 56 | 52 | 50 | 50 | 53 | 63 | 42 | 49 | 38 | 44 | 41 | 40 | 44 | 33 | 42 | 38 | 32 | 27 | 45.3 |
| PLAINFIELD | MAX | 83 | 85 | 81 | 64 | 63 | 63 | 70 | 66 | 66 | 64 | 63 | 69 | 76 | 68 | 70 | 80 | 80 | 78 | 71 | 70 | 65 | 70 | 72 | 65 | 63 | 56 | 63 | 60 | 55 | 53 | 56 | 68.0 |
| | MIN | 50 | 56 | 58 | 52 | 38 | 32 | 53 | 45 | 44 | 43 | 54 | 50 | 52 | 57 | 51 | 51 | 52 | 57 | 62 | 49 | 49 | 37 | 45 | 43 | 55 | 43 | 35 | 38 | 33 | 30 | 28 | 46.5 |
| SOMERVILLE | MAX | 82 | 83 | 80 | 75 | 60 | 63 | 68 | 67 | 66 | 66 | 65 | 70 | 76 | 71 | 69 | 78 | 79 | 78 | 72 | 69 | 63 | 68 | 69 | 65 | 60 | 54 | 62 | 60 | 54 | 51 | 54 | 67.6 |
| | MIN | 46 | 54 | 60 | 50 | 37 | 30 | 51 | 45 | 44 | 42 | 54 | 50 | 52 | 55 | 56 | 57 | 50 | 55 | 63 | 49 | 48 | 36 | 43 | 43 | 53 | 38 | 33 | 39 | 33 | 30 | 25 | 45.8 |
| SUSSEX 1 SE | MAX | 72 | 79 | 82 | 72 | 59 | 53 | 59 | 63 | 67 | 60 | 67 | 62 | 64 | 75 | 70 | 69 | 77 | 77 | 75 | 69 | 67 | 60 | 62 | 67 | 62 | 56 | 50 | 59 | 57 | 49 | 47 | 64.7 |
| | MIN | 36 | 40 | 48 | 39 | 38 | 23 | 24 | 40 | 33 | 34 | 34 | 48 | 45 | 44 | 48 | 45 | 45 | 47 | 53 | 45 | 43 | 36 | 34 | 32 | 37 | 36 | 33 | 34 | 27 | 27 | 27 | 37.9 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 82 | 79 | 84 | 62 | 61 | 61 | 70 | 64 | 59 | 63 | 66 | 70 | 73 | 67 | 73 | 74 | 76 | 77 | 71 | 67 | 63 | 66 | 72 | 68 | 66 | 52 | 59 | 57 | 51 | 49 | 52 | 66.3 |
| | MIN | 50 | 54 | 62 | 43 | 34 | 28 | 49 | 45 | 41 | 40 | 46 | 46 | 52 | 52 | 54 | 49 | 49 | 52 | 57 | 47 | 42 | 34 | 50 | 44 | 44 | 34 | 31 | 43 | 31 | 26 | 25 | 43.7 |
| AUDUBON | MAX | 86 | 88 | 87 | 67 | 65 | 69 | 71 | 72 | 68 | 71 | 65 | 76 | 76 | 71 | 76 | 79 | 83 | 84 | 72 | 70 | 66 | 71 | 74 | 72 | 64 | 55 | 65 | 63 | 55 | 54 | 58 | 70.7 |
| | MIN | 50 | 57 | 64 | 49 | 42 | 35 | 54 | 50 | 49 | 44 | 55 | 52 | 56 | 56 | 52 | 52 | 53 | 55 | 63 | 55 | 50 | 40 | 49 | 49 | 50 | 45 | 38 | 47 | 39 | 35 | 33 | 49.0 |
| BELLEPLAIN ST FOREST | MAX | 82 | 83 | 86 | 82 | 65 | 66 | 72 | 69 | 64 | 65 | 68 | 74 | 77 | 72 | 75 | 78 | 79 | 78 | 76 | 70 | 68 | 68 | 75 | 71 | 68 | 61 | 63 | 58 | 54 | 53 | 55 | 70.2 |
| | MIN | 44 | 55 | 62 | 51 | 36 | 30 | 55 | 44 | 46 | 44 | 46 | 46 | 52 | 54 | 49 | 53 | 49 | 54 | 66 | 54 | 45 | 33 | 56 | 47 | 53 | 44 | 36 | 50 | 34 | 31 | 24 | 46.5 |
| BURLINGTON | MAX | 85 | 86 | 84 | 77 | 59 | 59 | 62 | | | 67 | 64 | 73 | 76 | 74 | 73 | 77 | 80 | 84 | 76 | 70 | 68 | 70 | 72 | 66 | 64 | 59 | 63 | 62 | 54 | 49 | 55 | 69.2 |
| | MIN | 53 | 59 | 63 | 53 | 41 | 31 | 54 | 50 | 48 | 45 | 55 | 59 | 59 | 58 | 59 | 55 | 58 | 57 | 50 | 49 | 47 | 42 | 55 | 51 | 57 | 44 | 38 | 44 | 36 | 32 | 35 | 49.6 |
| CHATSWORTH | MAX | 85 | 85 | 83 | 76 | 64 | 65 | 70 | 66 | 62 | | 68 | 74 | 77 | 71 | 77 | | 81 | 82 | 75 | 70 | 66 | | 74 | 66 | 64 | 57 | 63 | 60 | 54 | 56 | | 70.0 |
| | MIN | 43 | 50 | 61 | 49 | 34 | 27 | 53 | 43 | 47 | | 45 | 47 | 55 | 52 | 47 | | 49 | 53 | 65 | 52 | 40 | | 57 | 45 | 54 | 39 | 31 | 45 | 28 | 23 | | 45.7 |
| FREEHOLD | MAX | 75 | 83 | 83 | 85 | 62 | 61 | 65 | 68 | 64 | 61 | 63 | 65 | 72 | 75 | 67 | 74 | 76 | 80 | 78 | 70 | 66 | 64 | 67 | 71 | 62 | 61 | 57 | 61 | 57 | 53 | 50 | 67.6 |
| | MIN | 50 | 55 | 61 | 50 | 37 | 31 | 40 | 45 | 45 | 41 | 47 | 48 | 54 | 54 | 47 | 48 | 49 | 52 | 57 | 50 | 48 | 40 | 45 | 47 | 52 | 41 | 35 | 43 | 37 | 30 | 29 | 45.4 |
| GLASSBORO | MAX | 76 | 85 | 85 | 88 | 70 | 62 | 67 | 69 | 69 | 66 | 68 | 67 | 72 | 75 | 71 | 76 | 78 | 81 | 80 | 73 | 70 | 64 | 68 | 72 | 71 | 67 | 55 | 62 | 59 | 53 | 52 | 70.0 |
| | MIN | 52 | 56 | 54 | 49 | 37 | 34 | 44 | 48 | 50 | 43 | 41 | 50 | 54 | 53 | 49 | 51 | 49 | 54 | 59 | 55 | 50 | 39 | 41 | 48 | 48 | 44 | 37 | 46 | 38 | 33 | 28 | 46.3 |
| HAMMONTON 2 NNE | MAX | 80 | 87 | 86 | 88 | 66 | 67 | 64 | 74 | 70 | 61 | 69 | 70 | 77 | 78 | 72 | 79 | 81 | 81 | 82 | 72 | 70 | 62 | 70 | 77 | 68 | 66 | 62 | 64 | 59 | 56 | 55 | 71.4 |
| | MIN | 52 | 56 | 63 | 52 | 37 | 32 | 48 | 48 | 48 | 42 | 48 | 50 | 53 | 54 | 54 | 51 | 50 | 52 | 55 | 54 | 47 | 40 | 48 | 47 | 49 | 43 | 37 | 47 | 37 | 32 | 29 | 46.9 |
| HIGHTSTOWN 1 N | MAX | 82 | 83 | 82 | 68 | 60 | 65 | 68 | 65 | 63 | 65 | 63 | 70 | 75 | 68 | 71 | 76 | 79 | 80 | 71 | 68 | 63 | 67 | 70 | 65 | 63 | 55 | 61 | 59 | 53 | 50 | 53 | 67.1 |
| | MIN | 50 | 56 | 63 | 50 | 37 | 31 | 52 | 44 | 42 | 41 | 52 | 50 | 56 | 55 | 51 | 51 | 52 | 56 | 64 | 49 | 49 | 38 | 51 | 44 | 54 | 41 | 37 | 44 | 36 | 30 | 29 | 46.9 |
| INDIAN MILLS 2 W | MAX | 83 | 84 | 86 | 71 | 60 | 65 | 69 | 67 | 63 | 67 | 67 | 73 | 76 | 72 | 77 | 80 | 80 | 80 | 71 | 68 | 64 | 69 | 71 | 68 | 63 | 54 | 62 | 58 | 53 | 50 | 54 | 68.5 |
| | MIN | 43 | 50 | 60 | 50 | 29 | 24 | 51 | 41 | 39 | 35 | 47 | 44 | 51 | 50 | 44 | 47 | 48 | 51 | 63 | 50 | 41 | 31 | 52 | 43 | 51 | 40 | 31 | 41 | 34 | 27 | 19 | 42.8 |
| MILLVILLE | MAX | 77 | 83 | 85 | 88 | 62 | 62 | 68 | 71 | 70 | 68 | 68 | | | 76 | 73 | 78 | 80 | 83 | 83 | 71 | 70 | 64 | 70 | 74 | 72 | 64 | 55 | 64 | 59 | 55 | 53 | 70.6 |
| | MIN | 50 | 56 | 64 | 52 | 39 | 33 | 54 | 48 | 50 | 42 | 52 | | | 48 | 52 | 53 | 51 | 53 | 66 | 54 | 50 | 38 | 49 | 48 | 49 | 46 | 39 | 51 | 38 | 35 | 28 | 47.9 |
| MILLVILLE FAA AIRPORT | MAX | 82 | 80 | 86 | 65 | 59 | 64 | 70 | 69 | 66 | 65 | 69 | 72 | 75 | 73 | 76 | 77 | 79 | 78 | 71 | 69 | 64 | 66 | 73 | 71 | 64 | 53 | 61 | 58 | 52 | 52 | 55 | 68.2 |
| | MIN | 51 | 58 | 63 | 46 | 37 | 35 | 52 | 48 | 53 | 48 | 55 | 51 | 54 | 52 | 52 | 55 | 54 | 55 | 60 | 55 | 50 | 39 | 55 | 53 | 49 | 45 | 38 | 46 | 38 | 31 | 30 | 48.6 |
| MOORESTOWN | MAX | 84 | 85 | 83 | 64 | 60 | 65 | 69 | 68 | 63 | 66 | 62 | 72 | 74 | 71 | 73 | 76 | 81 | 80 | 70 | 68 | 62 | 66 | 69 | 66 | 61 | 53 | 59 | 60 | 51 | 49 | 53 | 67.2 |
| | MIN | 50 | 57 | 63 | 47 | 36 | 30 | 52 | 48 | 43 | 39 | 53 | 50 | 54 | 54 | 51 | 48 | 50 | 54 | 58 | 51 | 46 | 37 | 45 | 47 | 48 | 44 | 37 | 44 | 38 | 36 | 29 | 46.4 |
| NEW BRUNSWICK | MAX | 73 | 82 | 83 | 80 | 60 | 59 | 63 | 68 | 66 | 63 | 63 | 63 | 70 | 76 | 68 | 70 | 77 | 78 | 75 | 72 | 68 | 63 | 67 | 69 | 63 | 60 | 54 | 61 | 58 | 54 | 50 | 67.0 |
| | MIN | 51 | 58 | 60 | 50 | 39 | 34 | 44 | 45 | 45 | 44 | 49 | 49 | 53 | 57 | 54 | 49 | 52 | 53 | 60 | 51 | 50 | 40 | 43 | 49 | 50 | 43 | 37 | 45 | 37 | 33 | 31 | 46.9 |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW MONMOUTH | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | MAX | 85 | 85 | 85 | 78 | 64 | 66 | 72 | 69 | 63 | 66 | 66 | 73 | 75 | 71 | 77 | 78 | 82 | 80 | 74 | 70 | 66 | 71 | 73 | 67 | 63 | 57 | 63 | 60 | 56 | 53 | 56 | 69.8 |
| | MIN | 46 | 51 | 63 | 51 | 35 | 28 | 53 | 41 | 47 | 37 | 48 | 48 | 56 | 52 | 47 | 48 | 50 | 56 | 65 | 50 | 44 | 34 | 54 | 44 | 53 | 39 | 34 | 46 | 32 | 29 | 23 | 45.3 |
| SEABROOK FARMS | MAX | 76 | 82 | 83 | 88 | 63 | 62 | 66 | 69 | 69 | 64 | 66 | 69 | 72 | 74 | 72 | 75 | 78 | 80 | 80 | 72 | 68 | 63 | 67 | 72 | 72 | 62 | 54 | 62 | 59 | 53 | 51 | 69.1 |
| | MIN | 52 | 57 | 65 | 52 | 39 | 34 | 46 | 48 | 50 | 46 | 52 | 53 | 55 | 54 | 52 | 54 | 54 | 55 | 63 | 54 | 49 | 40 | 44 | 50 | 51 | 45 | 37 | 49 | 39 | 34 | 28 | 48.4 |
| SHILOH | MAX | 83 | 83 | 88 | 80 | 63 | 66 | 69 | 68 | 68 | 66 | 69 | 71 | 73 | 72 | 75 | 77 | 80 | 80 | 74 | 70 | 69 | 66 | 73 | 72 | 67 | 60 | 62 | 60 | 53 | 51 | 56 | 69.8 |
| | MIN | 51 | 59 | 65 | 51 | 39 | 36 | 55 | 48 | 50 | 46 | 54 | 52 | 56 | 52 | 52 | 57 | 53 | 56 | 66 | 52 | 49 | 41 | 54 | 48 | 51 | 45 | 38 | 50 | 39 | 34 | 33 | 49.3 |
| TOMS RIVER | MAX | 75 | 83 | 82 | 85 | 65 | 61 | 64 | 70 | 65 | 62 | 65 | 68 | 71 | 73 | 67 | 73 | 77 | 77 | 78 | 71 | 68 | 65 | 70 | 73 | 65 | 61 | 56 | 63 | 58 | 53 | 50 | 68.2 |
| | MIN | 48 | 54 | 64 | 53 | 37 | 30 | 43 | 39 | 49 | 43 | 47 | 48 | 54 | 54 | 47 | 49 | 50 | 55 | 60 | 53 | 47 | 46 | 48 | 45 | 56 | 40 | 40 | 46 | 34 | 33 | 25 | 46.4 |
| TRENTON WB CITY | MAX | 82 | 83 | 80 | 64 | 59 | 64 | 67 | 65 | 63 | 65 | 65 | 71 | 75 | 68 | 70 | 75 | 79 | 80 | 71 | 67 | 63 | 66 | 69 | 64 | 63 | 53 | 61 | 60 | 53 | 48 | 53 | 66.6 |
| | MIN | 57 | 61 | 64 | 47 | 40 | 40 | 55 | 51 | 47 | 50 | 55 | 57 | 58 | 57 | 53 | 53 | 54 | 59 | 59 | 55 | 51 | 46 | 53 | 52 | 48 | 45 | 40 | 48 | 40 | 36 | 34 | 50.5 |
| TUCKERTON | MAX | 86 | 82 | 82 | 67 | 63 | 67 | 72 | 65 | 61 | 67 | 68 | 71 | 75 | 69 | 76 | 78 | 78 | 79 | 69 | 68 | 65 | 69 | 76 | 67 | 64 | 65 | 63 | 59 | 55 | 53 | 55 | 68.8 |
| | MIN | 53 | 56 | 65 | 51 | 36 | 31 | 57 | 46 | 48 | 45 | 46 | 48 | 53 | 52 | 51 | 51 | 50 | 51 | 66 | 53 | 42 | 36 | 48 | 45 | 53 | 43 | 37 | 49 | 36 | 33 | 27 | 47.0 |
| WOODSTOWN | MAX | 82 | 84 | 81 | 76 | 64 | 66 | 71 | 68 | 64 | 66 | 68 | 73 | 73 | 73 | 75 | 78 | 81 | 80 | 73 | 71 | 66 | 68 | 73 | 71 | 65 | 56 | 62 | 61 | 53 | 52 | 55 | 69.3 |
| | MIN | 48 | 56 | 65 | 44 | 35 | 32 | 54 | 46 | 52 | 46 | 54 | 52 | 53 | 54 | 51 | 51 | 54 | 57 | 66 | 52 | 52 | 37 | 50 | 48 | 51 | 41 | 36 | 50 | 38 | 32 | 26 | 47.8 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 78 | 75 | 76 | 67 | 62 | 66 | 72 | 66 | 63 | 65 | 68 | 69 | 74 | 69 | 73 | 72 | 75 | 76 | 70 | 68 | 65 | 66 | 75 | 68 | 66 | 55 | 62 | 57 | 52 | 51 | 54 | 66.9 |
| | MIN | 58 | 66 | 67 | 49 | 43 | 45 | 56 | 52 | 55 | 54 | 56 | 55 | 62 | 62 | 61 | 60 | 60 | 68 | 62 | 57 | 52 | 47 | 64 | 53 | 46 | 44 | 42 | 48 | 42 | 37 | 35 | 53.5 |
| CAPE MAY 3 W | MAX | 81 | 81 | 84 | 78 | 64 | 67 | 69 | 69 | 65 | 66 | 69 | | 73 | 72 | 75 | 75 | 77 | 75 | 73 | 69 | 70 | 73 | 74 | | 68 | 63 | 64 | 63 | 55 | 53 | 55 | 69.7 |
| | MIN | 64 | 66 | 69 | 57 | 50 | 44 | 62 | 56 | 52 | 56 | 55 | | 51 | 58 | 60 | 58 | 63 | 64 | 56 | 58 | 58 | 62 | 56 | | 56 | 49 | 49 | 52 | 46 | 43 | 43 | 55.6 |
| LONG BRANCH 2 N | MAX | 82 | 78 | 83 | 71 | 60 | 61 | 68 | 66 | 63 | 65 | 63 | 68 | 72 | 65 | 69 | 74 | 73 | 73 | 70 | 69 | 64 | 65 | 70 | 64 | 62 | 57 | 61 | 57 | 53 | 50 | 53 | 66.1 |
| | MIN | 56 | 60 | 67 | 54 | 41 | 39 | 57 | 49 | 53 | 53 | 54 | 51 | 56 | 58 | 53 | 52 | 53 | 58 | 56 | 56 | 52 | 46 | 58 | 51 | 57 | 45 | 41 | 51 | 40 | 35 | 33 | 51.1 |

# EVAPORATION AND WIND

| Station | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN | 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | | EVAP | - | .07 | .05 | .16 | .05 | .10 | .01 | .11 | .07 | .09 | .04 | .01 | .01 | .04 | .09 | .02 | .09 | .08 | .00 | .12 | .08 | .08 | .08 | .09 | .07 | .04 | .04 | .06 | .07 | .02 | .05 | 1.958 |
| | | WIND | 15 | 9 | 16 | 18 | 24 | 21 | 44 | 21 | 28 | 16 | 19 | 10 | 6 | 7 | 16 | 5 | 10 | 11 | 26 | 28 | 31 | 37 | 16 | 15 | 47 | 19 | 21 | 30 | 23 | 20 | 28 | 637 |
| | | MAX | 75 | 81 | 82 | 76 | 69 | 62 | 60 | 65 | 65 | 64 | 58 | 63 | 76 | 71 | 69 | 68 | 75 | 77 | 72 | 68 | 69 | 68 | 63 | 68 | 60 | 62 | 53 | 58 | 57 | 51 | 49 | 66.3 |
| | | MIN | 48 | 53 | 58 | 54 | 42 | 40 | 40 | 47 | 47 | 47 | 48 | 54 | 54 | 57 | 57 | 54 | 54 | 57 | 62 | 57 | 58 | 44 | 44 | 48 | 48 | 44 | 37 | 39 | 40 | 38 | 37 | 48.6 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | | EVAP | .16 | .15 | .14 | .18 | .17 | .12 | .12 | .23 | .20 | .08 | .09 | .02 | .06 | .08 | .05 | .08 | .09 | .08 | .09 | .17 | .25 | .18 | .08 | .17 | .09 | .17 | .11 | .13 | .05 | - | - | 3.848 |
| | | WIND | 78 | 51 | 58 | 95 | 100 | 50 | 54 | 56 | 46 | 27 | 40 | 13 | 44 | 24 | 26 | 31 | 46 | 40 | 49 | 66 | 67 | 88 | 47 | 64 | 102 | 92 | 125 | 94 | 62 | 108 | 85 | 1928 |
| | | MAX | 72 | 80 | 81 | 75 | 65 | 63 | 63 | 68 | 68 | 63 | 66 | 62 | 68 | 77 | 68 | 75 | 77 | 75 | 75 | 72 | 75 | 64 | 66 | 69 | 61 | 62 | 52 | 60 | 55 | - | - | 68.2 |
| | | MIN | 49 | 53 | 59 | 52 | 39 | 39 | 40 | 48 | 47 | 47 | 47 | 53 | 56 | 58 | 58 | 54 | 54 | 56 | 62 | 54 | 47 | 42 | 42 | 48 | 48 | 43 | 38 | 39 | 39 | - | - | 48.7 |
| PEMBERTON 3 E | | EVAP | .10 | .13 | .14 | .14 | .16 | .08 | * | .07 | .08 | .08 | .09 | .07 | .07 | .04 | .05 | .05 | .08 | .05 | .11 | .09 | .10 | .06 | .07 | .05 | .12 | .08 | .11 | .09 | .02 | .03 | .04 | 2.45 |
| SEABROOK FARMS | | EVAP | .16 | .15 | .21 | .23 | .25 | * | .30 | .15 | .12 | .11 | .05 | .07 | * | .13 | .05 | .08 | .07 | .12 | .12 | * | .24 | .12 | .10 | .17 | .04 | .14 | * | .26 | .03 | .07 | - | 3.668 |
| | | WIND | 41 | 28 | 76 | 84 | 72 | * | 103 | 41 | 41 | 38 | 25 | 8 | * | 37 | 11 | 16 | 15 | 29 | 60 | * | 98 | 41 | 66 | 35 | 51 | 47 | * | 191 | 42 | 59 | - | 14008 |
| | | MAX | 75 | 81 | 82 | 80 | 68 | - | 66 | 74 | 73 | 66 | 63 | 69 | - | 75 | 70 | 77 | 77 | 80 | 79 | - | 72 | 66 | 66 | 73 | 66 | 68 | - | 60 | 55 | 51 | - | 70.5 |
| | | MIN | 49 | 53 | 60 | 54 | 41 | - | 41 | 50 | 50 | 48 | 48 | 54 | - | 55 | 56 | 55 | 57 | 57 | 60 | - | 48 | 45 | 45 | 50 | 49 | 45 | - | 38 | 39 | 37 | - | 49.4 |

# DAILY SOIL TEMPERATURES

| Station | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | INCH | MAX | 72 | 73 | 71 | 66 | 61 | 63 | 65 | 65 | 64 | 64 | 64 | 67 | - | - | 71 | 72 | 72 | 72 | 70 | 65 | 64 | 64 | 64 | 60 | 63 | 56 | 57 | 59 | 55 | 51 | 52 | 64.2 |
| | | MIN | 60 | 64 | 66 | 56 | 53 | 51 | 58 | 56 | 55 | 54 | 59 | 58 | - | - | 60 | 59 | 60 | 64 | 63 | 61 | 62 | 52 | 56 | 55 | 54 | 48 | 47 | 51 | 47 | 44 | 42 | 55.7 |
| 2 | INCHES | MAX | 69 | 71 | 70 | 66 | 61 | 61 | 64 | 64 | 63 | 63 | 63 | 65 | - | - | 68 | 69 | 69 | 70 | 69 | 64 | 62 | 62 | 62 | 60 | 62 | 56 | 56 | 57 | 54 | 51 | 52 | 62.9 |
| | | MIN | 62 | 64 | 66 | 58 | 56 | 53 | 59 | 58 | 57 | 56 | 60 | 59 | - | - | 62 | 60 | 61 | 64 | 64 | 62 | 56 | 54 | 57 | 56 | 56 | 51 | 48 | 52 | 50 | 47 | 45 | 57.0 |
| 4 | INCHES | MAX | 69 | 70 | 69 | 67 | 62 | 61 | 64 | 62 | 64 | 62 | 63 | 65 | - | - | 67 | 68 | 68 | 68 | 68 | 65 | 61 | 61 | 62 | 60 | 62 | 58 | 56 | 57 | 54 | 52 | 53 | 62.7 |
| | | MIN | 62 | 65 | 67 | 60 | 58 | 55 | 60 | 59 | 58 | 57 | 60 | 60 | - | - | 62 | 61 | 62 | 64 | 65 | 61 | 58 | 55 | 58 | 57 | 58 | 54 | 51 | 53 | 51 | 49 | 46 | 58.1 |
| 8 | INCHES | MAX | 67 | 67 | 68 | 68 | 63 | 62 | 63 | 63 | 63 | 61 | 62 | 63 | - | - | 64 | 66 | 68 | 67 | 67 | 67 | 64 | 61 | 61 | 60 | 62 | 60 | 57 | 57 | 56 | 55 | 53 | 62.6 |
| | | MIN | 63 | 66 | 67 | 63 | 62 | 59 | 61 | 61 | 60 | 59 | 61 | 61 | - | - | 63 | 63 | 64 | 65 | 67 | 64 | 61 | 59 | 60 | 59 | 60 | 57 | 55 | 55 | 55 | 53 | 51 | 60.5 |
| 20 | INCHES | MAX | 67 | 67 | 67 | 67 | 67 | 65 | 64 | 64 | 64 | 63 | 63 | 63 | - | - | 64 | 64 | 65 | 65 | 65 | 65 | 65 | 63 | 63 | 63 | 62 | 62 | 61 | 60 | 59 | 59 | 57 | 63.6 |
| | | MIN | 66 | 67 | 67 | 66 | 65 | 64 | 64 | 64 | 63 | 62 | 63 | 62 | - | - | 63 | 64 | 63 | 64 | 64 | 64 | 63 | 63 | 62 | 62 | 62 | 61 | 59 | 59 | 59 | 57 | 56 | 62.7 |
| 40 | INCHES | MAX | 67 | 67 | 67 | 67 | 67 | 66 | 66 | 65 | 65 | 65 | 64 | 64 | - | - | 64 | 64 | 64 | 64 | 64 | 65 | 65 | 64 | 64 | 64 | 63 | 63 | 63 | 62 | 62 | 61 | 60 | 64.3 |
| | | MIN | 67 | 66 | 67 | 66 | 66 | 65 | 65 | 65 | 65 | 64 | 64 | 63 | - | - | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 63 | 63 | 63 | 62 | 62 | 61 | 61 | 60 | 60 | 63.8 |
| PLOT 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | INCH | MAX | 84 | 84 | 78 | 72 | 70 | 69 | 69 | 69 | 65 | 66 | 65 | 69 | - | - | 74 | 75 | 74 | 75 | 73 | 65 | 64 | 67 | 67 | 62 | 64 | 57 | 59 | 57 | 55 | 52 | 51 | 67.3 |
| | | MIN | 56 | 62 | 66 | 53 | 47 | 45 | 55 | 52 | 51 | 50 | 57 | 55 | - | - | 57 | 56 | 57 | 63 | 61 | 54 | 49 | 46 | 52 | 51 | 50 | 44 | 40 | 48 | 41 | 39 | 36 | 51.5 |
| 2 | INCHES | MAX | 81 | 81 | 75 | 71 | 67 | 67 | 68 | 68 | 64 | 65 | 64 | 68 | - | - | 72 | 74 | 73 | 74 | 72 | 64 | 63 | 65 | 65 | 61 | 63 | 56 | 58 | 58 | 55 | 52 | 52 | 66.1 |
| | | MIN | 57 | 63 | 66 | 54 | 49 | 47 | 57 | 53 | 52 | 51 | 57 | 56 | - | - | 58 | 57 | 58 | 63 | 64 | 55 | 51 | 47 | 53 | 52 | 51 | 45 | 41 | 48 | 43 | 40 | 37 | 52.6 |
| 4 | INCHES | MAX | 75 | 76 | 73 | 69 | 65 | 64 | 65 | 65 | 62 | 62 | 63 | 65 | - | - | 68 | 69 | 69 | 69 | 70 | 66 | 61 | 62 | 62 | 60 | 62 | 55 | 55 | 55 | 54 | 52 | 54 | 63.7 |
| | | MIN | 60 | 65 | 67 | 60 | 55 | 52 | 59 | 56 | 55 | 54 | 59 | 58 | - | - | 60 | 59 | 60 | 64 | 66 | 58 | 55 | 51 | 56 | 54 | 55 | 50 | 46 | 50 | 49 | 44 | 41 | 55.8 |
| 8 | INCHES | MAX | 70 | 71 | 71 | 70 | 65 | 63 | 65 | 63 | 63 | 61 | 63 | 63 | - | - | 64 | 65 | 66 | 66 | 68 | 66 | 62 | 60 | 61 | 50 | 60 | 59 | 55 | 54 | 53 | 53 | 55 | 62.2 |
| | | MIN | 63 | 68 | 68 | 65 | 61 | 58 | 61 | 60 | 59 | 58 | 60 | 59 | - | - | 62 | 62 | 62 | 64 | 66 | 62 | 59 | 57 | 58 | 57 | 59 | 55 | 47 | 53 | 48 | 50 | 55 | 59.2 |

MAX AND MIN TEMPERATURES ARE FOR THE 24 HOUR PERIOD ENDING AT MIDNIGHT.

PLOT #1 - SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

PLOT #2 - SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 | | 7A | | | WALTER J SCHANCK |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 58 | 10 | 5P | 5P | | C | N.WEST MAGNESITE CO. |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F DROPPE |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A | | | CHARLES KOONS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 N | 4987 | 03 | MONMOUTH | 1 | 40 20 | 74 00 | 10 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MANVILLE | 5197 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | JOHN L. RADCLIFFE |
| MARLBORO SCS | 5244 | 02 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | C | CLOSED 1/5/68 |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 9A | 9A | | C H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEW MONMOUTH | 6154 | 02 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P | | | ST. MARYS SCHOOL |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 3P | 3P | | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 | | 7A | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P | | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |
| CLOSED STATION | | | | | | | | | | | | |
| MARLBORO SCS | 5244 | 02 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | C | CLOSED 1/5/68 |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground. however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above

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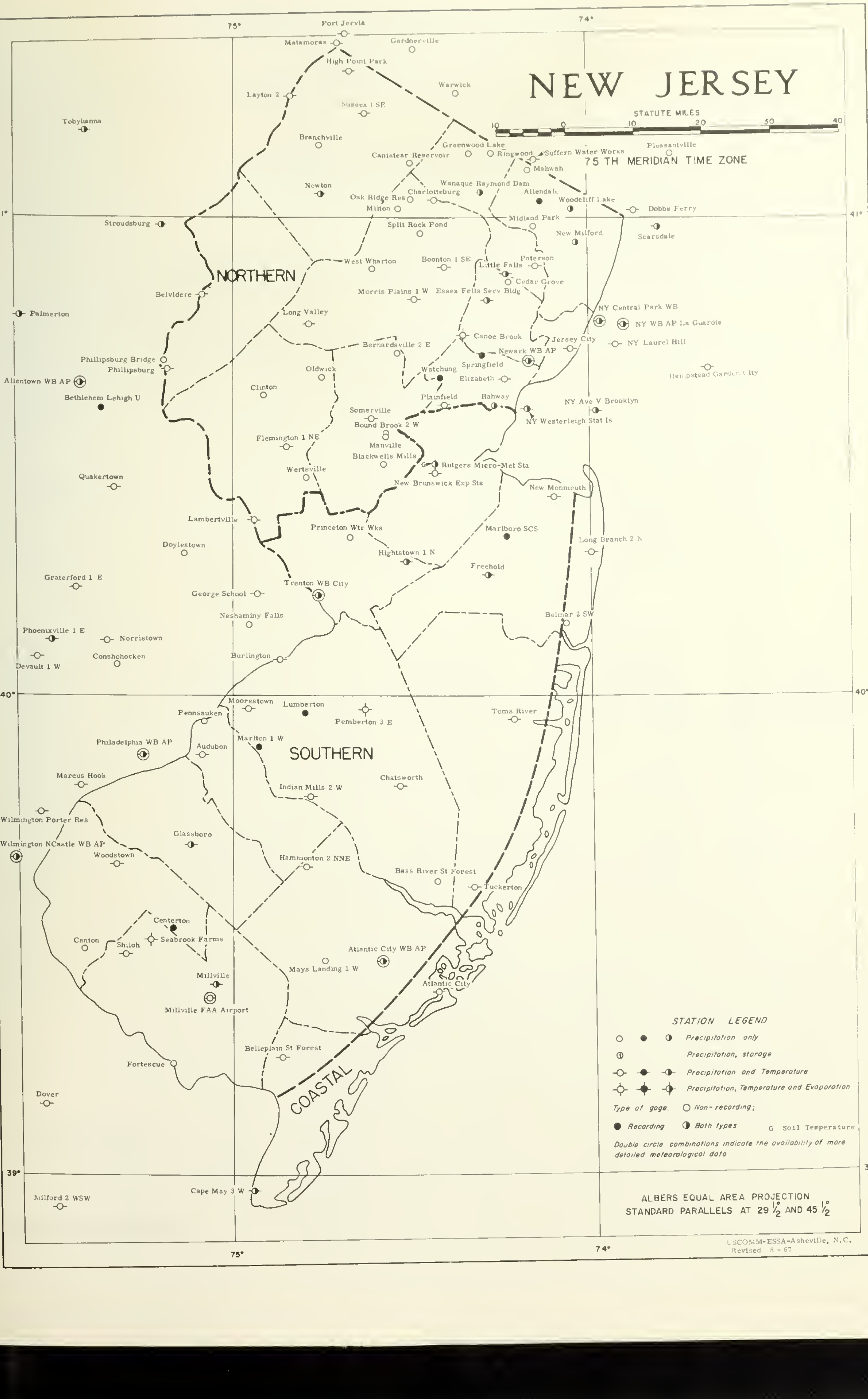
Subscription Price: 20 cents per copy, monthly and annual. $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-11/26/68-880


NEW JERSEY
STATUTE MILES
10 0 10 20 30 40
75 TH MERIDIAN TIME ZONE
75°
74°
41°
40°
39°
NORTHERN
SOUTHERN
COASTAL
Port Jervis
Matamoras
Gardnerville
High Point Park
Warwick
Layton 2
Sussex 1 SE
Tobyhanna
Branchville
Greenwood Lake
Ringwood
Suffern Water Works
Pleasantville
Canistear Reservoir
Mahwah
Newton
Wanaque Raymond Dam
Charlotteburg
Allendale
Oak Ridge Res
Woodcliff Lake
Milton
Dobbs Ferry
Midland Park
Stroudsburg
Split Rock Pond
New Milford
Scarsdale
West Wharton
Boonton 1 SE
Paterson
Little Falls
Cedar Grove
Belvidere
Morris Plains 1 W
Essex Fells Serv Bldg
Palmerton
Long Valley
NY Central Park WB
NY WB AP La Guardia
Canoe Brook
Jersey City
NY Laurel Hill
Bernardsville 2 E
Newark WB AP
Phillipsburg Bridge
Phillipsburg
Oldwick
Watchung
Springfield
Hempstead Garden City
Allentown WB AP
Elizabeth
Clinton
Bethlehem Lehigh U
Plainfield
Rahway
NY Ave V Brooklyn
Somerville
NY Westerleigh Stat Is
Bound Brook 2 W
Flemington 1 NE
Manville
Blackwells Mills
Rutgers Micro-Met Sta
G
Wertsville
Quakertown
New Brunswick Exp Sta
New Monmouth
Lambertville
Princeton Wtr Wks
Marlboro SCS
Doylestown
Long Branch 2 N
Hightstown 1 N
Freehold
Graterford 1 E
Trenton WB City
George School
Neshaminy Falls
Belmar 2 SW
Phoenixville 1 E
Norristown
Conshohocken
Burlington
Devault 1 W
Moorestown
Lumberton
Pemberton 3 E
Toms River
Pennsauken
Philadelphia WB AP
Marlton 1 W
Audubon
Marcus Hook
Chatsworth
Indian Mills 2 W
Wilmington Porter Res
Glassboro
Wilmington NCastle WB AP
Woodstown
Hammonton 2 NNE
Bass River St Forest
Tuckerton
Centerton
Canton
Shiloh
Seabrook Farms
Atlantic City WB AP
Mays Landing 1 W
Millville
Atlantic City
Millville FAA Airport
Belleplain St Forest
Fortescue
Dover
Cape May 3 W
Milford 2 WSW
STATION LEGEND
○ ● ◑ Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage. ○ Non-recording;
● Recording
◑ Both types
G Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
USCOMM-ESSA-Asheville, N.C.
Revised 8-67

OS
NJ

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C R SMITH Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
NOVEMBER 1968
Volume 73 No. 11

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | No. of Days Max. 90° or Above | No. of Days Max. 32° or Below | No. of Days Min. 32° or Below | No. of Days Min. 0° or Below | Total | Departure From Normal | Greatest Day | Date | Snow, Sleet Total | Snow, Sleet Max. Depth on Ground | Snow, Sleet Date | No. of Days .10 or More | No. of Days .50 or More | No. of Days 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 50.1 | 32.2 | 41.2 | - 1.6 | 73 | 3 | 23 | 21 | 708 | 0 | 0 | 17 | 0 | 4.17 | .31 | .69 | 8 | 3.5 | 3 | 13 | 11 | 2 | 0 |
| BOONTON 1 SE | 50.3 | 34.4 | 42.4 | - .1 | 73 | 3 | 27 | 23+ | 672 | 0 | 0 | 8 | 0 | 4.86 | .84 | .92 | 8 | 4.0 | 4 | 12 | 11 | 5 | 0 |
| CANOE BROOK | 51.4 | 33.0 | 42.2 | - .8 | 72 | 3 | 24 | 26 | 679 | 0 | 0 | 15 | 0 | 5.82 | 1.72 | .95 | 13+ | 2.0 | 2 | 13 | 10 | 7 | 0 |
| CHARLOTTEBURG | 48.5 | 32.7 | 40.6 | - 1.4 | 73 | 3 | 27 | 22+ | 724 | 0 | 0 | 17 | 0 | 5.68 | 1.19 | 1.20 | 8 | 8.0 | 6 | 13 | 10 | 5 | 2 |
| ELIZABETH | 54.1 | 37.6 | 45.9 | .2 | 75 | 2 | 26 | 21 | 568 | 0 | 0 | 6 | 0 | 4.27 | .39 | 1.10 | 10 | .0 | 0 | | 6 | 4 | 2 |
| ESSEX FELLS SERV BLDG | 50.6 | 35.1 | 42.9 | | 74 | 3 | 25 | 21 | 657 | 0 | 0 | 11 | 0 | 5.26 | | .96 | 10 | 5.2 | 4 | 13+ | 11 | 4 | 0 |
| FLEMINGTON 1 NE | 51.0 | 34.3 | 42.7 | - 1.6 | 72 | 3 | 22 | 1 | 662 | 0 | 0 | 12 | 0 | 5.05 | 1.31 | .73 | 19+ | 4.0 | 2 | 13+ | 14 | 5 | 0 |
| HIGH POINT PARK | 45.8 | 28.4 | 37.1 | | 61 | 3 | 19 | 21 | 829 | 0 | 1 | 22 | 0 | 0 4.10 | | .90 | 16 | 8.5 | 8 | 14+ | 11 | 3 | 0 |
| JERSEY CITY | 51.5 | 40.3 | 45.9 | .2 | 74 | 2 | 31 | 21 | 569 | 0 | 0 | 1 | 0 | 5.27 | 1.85 | 1.62 | 12 | T | 0 | | 5 | 4 | 3 |
| LAMBERTVILLE | 53.4 | 37.1 | 45.3 | .9 | 72 | 2 | 26 | 23+ | 587 | 0 | 0 | 6 | 0 | 4.71 | 1.00 | 1.19 | 12 | 2.0 | T | 12 | 7 | 4 | 2 |
| LAYTON 2 | 48.2 | 30.7 | 39.5 | | 75 | 3 | 22 | 21+ | 760 | 0 | 0 | 21 | 0 | 4.96 | | .96 | 8 | 9.7 | 6 | 13 | 12 | 4 | 0 |
| LITTLE FALLS | 52.9 | 35.6 | 44.3 | - .3 | 78 | 3 | 28 | 21+ | 615 | 0 | 0 | 7 | 0 | 5.18 | .90 | .99 | 10 | 3.0 | 3 | 13 | 10 | 5 | 0 |
| LONG VALLEY | 49.4 | 28.9 | 39.2 | | 72 | 3 | 18 | 22 | 771 | 0 | 0 | 24 | 0 | 5.00 | .75 | .95 | 8 | 4.0 | | | 9 | 5 | 0 |
| MORRIS PLAINS 1 W | 50.1 | 33.3 | 41.7 | | 74 | 3 | 26 | 22+ | 691 | 0 | 0 | 13 | 0 | 4.83 | | 1.02 | 8 | 4.0 | 3 | 13+ | 9 | 4 | 1 |
| NEWARK WB AIRPORT R | 52.6 | 38.8 | 45.7 | .3 | 76 | 2 | 28 | 21 | 573 | 0 | 0 | 2 | 0 | 4.38 | 1.01 | 1.00 | 10 | .4 | T | 12 | 8 | 4 | 1 |
| NEWTON | 48.0 | 31.9 | 40.0 | - 1.2 | 72 | 3 | 22 | 1 | 746 | 0 | 0 | 17 | 0 | 4.61 | .98 | .83 | 19 | 10.5 | 6 | 13 | 10 | 4 | 0 |
| PATERSON | 52.8 | 37.9 | 45.4 | .3 | 77 | 3 | 30 | 21 | 582 | 0 | 0 | 4 | 0 | 6.51 | 2.47 | 1.15 | 10 | .3 | 0 | | 11 | 6 | 2 |
| PHILLIPSBURG | 53.9 | 36.3 | 45.1 | 1.7 | 76 | 2 | 26 | 1 | 586 | 0 | 0 | 6 | 0 | 5.12 | 1.45 | 1.11 | 12 | 2.0 | 2 | 12 | 8 | 4 | 2 |
| PLAINFIELD | 51.6 | 37.0 | 44.3 | - .5 | 73 | 2 | 24 | 21 | 614 | 0 | 0 | 7 | 0 | 5.33 | 1.50 | 1.45 | 12 | 2.0 | 0 | | 9 | 4 | 2 |
| SOMERVILLE | 52.6 | 36.6 | 44.6 | .7 | 73 | 2 | 26 | 21 | 608 | 0 | 0 | 8 | 0 | 4.80 | 1.14 | 1.43 | 12 | .5 | 0 | | 7 | 4 | 2 |
| SUSSEX 1 SE | 47.5 | 28.7 | 38.1 | - 3.9 | 73 | 3 | 19 | 1 | 800 | 0 | 0 | 24 | 0 | 4.81 | 1.00 | .85 | 8 | 16.5 | 10 | 13 | 10 | 5 | 0 |
| DIVISION | | | 42.6 | - .9 | | | | | | | | | | 4.99 | 1.11 | | | 4.3 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 52.9 | 34.7 | 43.8 | - 2.9 | 75 | 2 | 18 | 21 | 629 | 0 | 0 | 13 | 0 | 3.10 | - .56 | .78 | 12 | T | 0 | | 6 | 4 | 0 |
| AUDUBON | 54.9 | 39.4 | 47.2 | | 77 | 2 | 28 | 21 | 529 | 0 | 0 | 4 | 0 | 4.92 | | 1.63 | 12 | T | 0 | | 10 | 4 | 2 |
| BELLEPLAIN ST FOREST | 58.1 | 39.2 | 48.7 | | 78 | 2 | 23 | 23 | 483 | 0 | 0 | 6 | 0 | 3.23 | - .80 | 1.12 | 10 | T | 0 | | 6 | 2 | 2 |
| BURLINGTON | 54.6M | 40.3M | 47.5M | .9 | 78 | 2 | 28 | 23 | 524 | 0 | 0 | | 0 | 4.51 | .85 | 1.55 | 12 | | | | 6 | 4 | 2 |
| CHATSWORTH | 56.3M | 37.6M | 47.0M | | 78 | 2 | 20 | 26 | 539 | 0 | 0 | | 0 | 6.30 | | 2.50 | 12 | .0 | 0 | | 8 | 4 | 2 |
| FREEHOLD | 52.2 | 36.8M | 44.5M | - 1.0 | 73 | 3 | 26 | 13 | 606 | 0 | 0 | 8 | 0 | 6.03 | 2.07 | 1.06 | 13 | T | 0 | | 10 | 5 | 1 |
| GLASSBORO | 55.2 | 37.2 | 46.2 | | 76 | 3 | 27 | 23 | 556 | 0 | 0 | 9 | 0 | 2.56 | | .97 | 10 | .0 | 0 | | 6 | 2 | 0 |
| HAMMONTON 2 NNE | 56.8 | 38.4 | 47.6 | .9 | 80 | 3 | 26 | 21 | 515 | 0 | 0 | 7 | 0 | 5.23 | 1.49 | 1.02 | 12+ | .0 | 0 | | 9 | 4 | 2 |
| HIGHTSTOWN 1 N | 53.2 | 38.0 | 45.6 | .4 | 72 | 2 | 27 | 1 | 575 | 0 | 0 | 7 | 0 | 5.26 | 1.87 | 1.72 | 12 | .1 | 0 | | 7 | 4 | 3 |
| INDIAN MILLS 2 W | 54.5 | 36.0 | 45.3 | .1 | 75 | 2 | 21 | 23 | 584 | 0 | 0 | 10 | 0 | 5.50 | 1.79 | 2.07 | 12 | T | 0 | | 8 | 3 | 2 |
| MILLVILLE | 56.7 | 39.3 | 48.0 | | 76 | 3 | 25 | 23 | 502 | 0 | 0 | 6 | 0 | 4.53 | | 1.03 | 10 | .0 | 0 | | 10 | 3 | 1 |
| MILLVILLE FAA AIRPORT | 54.8 | 40.0 | 47.4 | | 76 | 2 | 26 | 23 | 521 | 0 | 0 | 7 | 0 | 4.28 | | 1.35 | 12 | T | 0 | | 8 | 3 | 2 |
| MOORESTOWN | 51.5 | 37.1 | 44.3 | - .7 | 74 | 2 | 28 | 30+ | 612 | 0 | 0 | 10 | 0 | 5.06 | 1.45 | 1.39 | 10 | T | 0 | | 9 | 4 | 1 |
| NEW BRUNSWICK | 51.9 | 37.0 | 44.5 | | 72 | 3 | 27 | 21 | 608 | 0 | 0 | 7 | 0 | 5.77 | | 1.06 | 13 | T | T | 13+ | 11 | 4 | 1 |
| NEW MONMOUTH | | | | | | | | | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | 54.8 | 38.7 | 46.8 | .5 | 78 | 2 | 24 | 21 | 538 | 0 | 0 | 6 | 0 | 6.08 | 2.57 | 2.41 | 12 | .0 | 0 | | 9 | 4 | 2 |
| SEABROOK FARMS | 54.6 | 39.2 | 46.9 | | 76 | 3 | 27 | 23 | 536 | 0 | 0 | 6 | 0 | 4.59 | | 1.39 | 10 | .0 | 0 | | 8 | 4 | 1 |
| SHILOH | 55.2 | 39.9 | 47.6 | 1.3 | 77 | 2 | 28 | 21 | 517 | 0 | 0 | 5 | 0 | 4.32 | .59 | 1.35 | 10 | .0 | 0 | | 8 | 3 | 2 |
| TOMS RIVER | 55.0 | 37.7 | 46.4 | | 75 | 3 | 25 | 23+ | 552 | 0 | 0 | 8 | 0 | 5.71 | | 1.30 | 12 | .0 | 0 | | 9 | 6 | 1 |
| TRENTON WB CITY R | 52.3 | 40.4 | 46.4 | .6 | 73 | 2 | 30 | 21 | 555 | 0 | 0 | 1 | 0 | 4.46 | 1.30 | 1.27 | 12 | .5 | T | 12 | 7 | 4 | 1 |
| TUCKERTON | 56.2 | 39.0 | 47.6 | | 79 | 2 | 25 | 23 | 515 | 0 | 0 | 7 | 0 | 5.24 | | 1.37 | 10 | T | 0 | | 7 | 4 | 3 |
| WOODSTOWN | 55.6M | 38.3M | 47.0M | | 76 | 2 | 26 | 23 | 533 | 0 | 0 | 6 | 0 | 4.97 | | 1.44 | 12 | T | 0 | | 8 | 3 | 2 |
| DIVISION | | | 46.5 | .8 | | | | | | | | | | 4.84 | 1.10 | | | T | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 54.3 | 42.5 | 48.4 | .1 | 75 | 2 | 29 | 21 | 490 | 0 | 0 | 3 | 0 | 3.08 | - .71 | .99 | 10 | | | | 6 | 3 | 0 |
| CAPE MAY 3 W | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2 N | 53.2 | 40.7 | 47.0 | 1.3 | 71 | 2 | 30 | 21 | 532 | 0 | 0 | 3 | 0 | 7.17 | 3.36 | 1.89 | 12 | T | 0 | | 6 | 4 | 4 |
| DIVISION | | | 47.7 | .3 | | | | | | | | | | 5.13 | 1.54 | | | T | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>HAMMONTON 2 NNE | 80 | DATE | 03 |
| LOWEST TEMPERATURE<br>2 STATIONS | 18 | DATE | 22+ |
| GREATEST TOTAL PRECIPITATION<br>LONG BRANCH 2 N | 7.17 | | |
| LEAST TOTAL PRECIPITATION<br>GLASSBORO | 2.56 | | |
| GREATEST 1 DAY PRECIPITATION<br>CHATSWORTH | 2.50 | DATE | 12 |
| GREATEST TOTAL SNOWFALL<br>SUSSEX 1 SE | 16.5 | | |
| GREATEST DEPTH OF SNOW<br>SUSSEX 1 SE | 10 | DATE | 13 |

See Reference Notes Following Station Index

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# DAILY PRECIPITATION

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BELVIDERE | 4.17 |  | T | T | .06 |  |  | .12 | .69 | T | .56 | .49 | .38 | .42 |  |  | .03 | .16 | .45 | .42 | T |  | T |  |  | .10 |  |  | T | .29 |  |  |
| BERNARDSVILLE 2 E | 6.20 |  |  |  | .06 |  |  | .11 | .86 |  | .56 | .54 | 1.01 | 1.38 |  |  | .01 | .07 | .37 | .73 |  |  |  |  |  | .12 |  |  |  | .38 |  |  |
| BLACKWELLS MILLS | 5.48 |  |  |  | .13 |  |  | .19 | .90 | .55 | .61 | .50 | .95 | .20 |  |  |  | .05 | .36 | .46 |  |  |  |  | .18 |  |  |  | .10 | .30 |  |  |
| BOONTON 1 SE | 4.86 |  | T | T | .07 | T | T | .12 | .92 | T | .62 | .22 | .53 | .67 | T | T | .02 | .12 | .46 | .62 | T | T |  |  | T | .10 |  |  |  | .39 |  |  |
| BOUND BROOK 2 W | 5.25 |  |  | T | .08 |  |  | .21 | .64 |  | .67 | .46 | .54 | .98 |  |  | .02 | T | .45 | .55 |  |  |  |  |  | .16 |  |  |  | .49 |  |  |
| BRANCHVILLE | 5.07 |  |  | T | .09 | T |  | .15 | .82 | .03 | .84 | .17 | .28 | .53 |  |  | .23 | .16 | .18 | .85 | T | T | T |  |  | .08 |  |  | .66 |  |  |  |
| CANISTEAR RESERVOIR | 6.05 |  |  |  | .08 | T |  | .13 | 1.16 | .01 | .65 | .37 | 1.04 | .40 |  | .03 | .37 | .13 | .30 | .86 |  |  | T |  |  | .13 |  |  |  | .39 |  |  |
| CANOE BROOK | 5.82 |  |  | T | .05 |  |  | .18 | .95 | T | .82 | .36 | .75 | .95 | T |  | .03 | .04 | .51 | .53 |  |  |  |  | .01 | .14 |  | T |  | .50 | T |  |
| CHARLOTTEBURG | 5.68 |  | T |  | .07 | T |  | .11 | 1.20 | .02 | .48 | .52 | .52 | .72 |  |  | .09 | .14 | .31 | 1.10 |  |  | T |  |  | .06 |  |  |  | .34 |  |  |
| CLINTON | 4.52 |  |  | T | .08 |  |  | .21 | .70 | .47 |  | .50 | .51 | .47 |  |  |  |  | .54 | .57 |  |  |  |  |  | .15 |  |  |  | .37 |  |  |
| ELIZABETH | 4.27 |  |  | .06 |  |  |  | .80 |  |  | 1.10 |  | 1.00 |  |  |  | .03 | .02 | .85 | .08 | T |  |  |  |  | .15 |  |  | .05 | .13 |  |  |
| ESSEX FELLS SERV BLDG | 5.26 |  |  |  | .05 |  |  | .25 | .72 |  | .96 | .26 | .74 | .40 |  | T |  | .12 | .82 | .48 | T |  |  |  |  | .13 |  |  |  | .33 |  |  |
| FLEMINGTON 1 NE | 5.05 |  |  |  | .11 |  |  | .22 | .73 | .50 | .50 | .10 | .54 | .42 |  |  | .23 | .10 | .33 | .73 |  |  |  |  |  | .14 |  | .01 | T | .39 |  |  |
| GREENWOOD LAKE | 5.68 |  |  |  | .09 |  |  | .12 | 1.35 |  | .67 | .52 | .30 | .85 |  |  | .09 | .12 | .25 | .92 | .01 |  | .01 |  |  | .08 |  |  |  | .30 |  |  |
| HIGH POINT PARK | D 4.10 |  |  | .07 | .12 |  |  | .10 | .70 | .20 | .21 |  | 0 .40 |  |  |  | .90 | .18 | .45 | .52 |  |  | D .05 |  |  |  |  |  | .20 |  |  |  |
| JERSEY CITY | 5.27 |  |  | .04 |  |  |  | 1.17 |  | .17 | 1.27 |  | 1.62 | T |  | .04 | .02 | T | .94 |  | T |  |  |  | T | T |  |  | T |  |  |  |
| LAMBERTVILLE | 4.71 |  |  | .06 | .02 |  |  | .72 | .05 | .01 | 1.18 | .02 | 1.19 | T |  |  |  | .03 | .80 | .13 | .02 |  |  |  |  | .19 |  |  | .05 | .24 |  |  |
| LAYTON 2 | 4.96 |  |  | .01 | .11 | T |  | .10 | .96 | .02 | .60 | .32 | .35 | .28 | T | T | .20 | .31 | .21 | .84 | .04 | T | T |  |  | .06 | T |  |  | .55 |  |  |
| LITTLE FALLS | 5.18 |  |  | T | .08 |  |  | .14 | .94 | T | .99 | .24 | .67 | .58 |  |  | .06 | .09 | .49 | .59 |  |  |  |  |  | .11 |  |  |  | .20 |  |  |
| LONG VALLEY | 5.00 |  |  | .03 | .02 |  |  | .16 | .95 |  | .69 | .34 | .52 | .61 |  |  | .02 | .05 | .46 | .63 |  |  |  |  |  | .05 |  |  |  | .47 |  |  |
| MAHWAH | 4.79 |  |  |  | .08 | .01 |  | .09 | 1.04 |  | .71 | .44 | .24 | .53 |  |  | .11 | .08 | .28 | .73 |  |  | T |  |  | .12 |  |  |  | .33 |  |  |
| MANVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |
| MIDLAND PARK | 5.72 |  |  | .08 |  |  |  | 1.22 | .04 | .37 | .97 |  | 1.08 |  |  | .04 | .07 | .12 | 1.12 |  |  | .03 |  |  | .11 |  |  |  | .19 | .28 |  |  |
| MILTON | 5.49 |  |  | .02 | .10 |  |  | .15 | 1.13 |  | .55 | .48 | .40 | .50 |  |  | .13 | .19 | .40 | .93 |  |  | .01 |  |  | .12 |  |  |  | .38 |  |  |
| MORRIS PLAINS 1 W | 4.83 |  | T | T | .05 | T |  | .14 | 1.02 | T | .62 | .42 | .30 | .57 | T |  | .01 | .08 | .42 | .62 | T | T |  |  |  | .09 |  | T | T | .49 |  |  |
| NEWARK WB AIRPORT R | 4.38 |  | T | .03 | T |  |  | .86 | .02 | .16 | 1.00 | T | .72 | T |  | .01 | .04 | .04 | .94 | .02 | T |  | T |  | .13 | .02 |  | T | .17 | .22 |  |  |
| NEW MILFORD | 5.21 |  |  | .04 |  |  |  | 1.08 | .02 | .10 | 1.03 |  | 1.32 |  |  | .09 | .04 | .16 | .89 |  |  |  |  |  | .07 | .02 |  |  | .17 | .18 |  |  |
| NEWTON | 4.61 |  |  | .01 | .10 |  |  | .08 | .74 |  | .50 | .38 | .31 | .58 |  | T | .14 | .09 | .32 | .83 |  |  | T |  |  | .06 |  |  |  | .47 |  |  |
| OAK RIDGE RESERVOIR | 5.64 |  | T |  | .09 | T |  | .09 | 1.18 | T | .54 | .45 | .83 | .47 |  | .02 | .20 | .10 | .35 | .88 |  |  | T |  |  | .11 |  |  |  | .33 |  |  |
| PATERSON | 6.51 |  |  | .03 | .03 |  |  | .23 | 1.10 |  | 1.15 | .34 | .72 | .68 |  |  | .08 | .20 | .76 | .66 |  | T |  |  |  | .10 | T |  |  | .43 |  |  |
| PHILLIPSBURG | 5.12 |  |  |  | .03 |  | T | .56 | .16 |  | 1.05 | T | 1.11 | .05 |  |  | .02 | .07 | .80 | .33 |  |  |  |  |  | .46 |  |  | T | .48 |  |  |
| PHILLIPSBURG BRIDGE | 6.06 |  |  |  |  |  |  | .06 | .66 |  | .75 | .34 | .60 | 2.00 |  |  | .02 |  |  | 1.02 |  |  |  |  |  | .01 |  |  |  | .60 |  |  |
| PLAINFIELD | 5.33 |  | T | .10 |  |  |  | .91 | .07 |  | 1.19 |  | 1.45 | .10 |  | T | .02 | .05 | .79 | .11 | T |  |  |  |  | .19 |  | T | .05 | .30 |  |  |
| POTTERSVILLE 2 NNW | 5.28 |  |  | .01 | .03 |  |  | .17 | .78 |  | .60 | .43 | .60 | .63 | T |  | T | .05 | .54 | .85 |  |  |  |  | T | .11 | .02 |  |  | .46 |  |  |
| RAHWAY | 4.49 |  | T | .06 |  |  |  | 1.02 |  | .10 | 1.03 | .03 | 1.30 | T |  |  |  | .02 | .73 |  |  |  |  |  |  |  | T |  | .09 | .11 |  |  |
| RINGWOOD | 5.19 |  |  | T | .02 |  |  | .19 | .92 |  | .77 | .25 | 1.11 | .25 |  | .07 | .05 | .12 | .65 | .40 |  |  |  |  |  | .07 |  |  | .32 |  |  |  |
| SOMERVILLE | 4.80 |  |  | .10 | T |  | T | .83 | .08 |  | 1.01 |  | 1.43 | .02 |  |  | T | T | .86 | .08 |  |  |  |  |  | .15 |  | T | .02 | .22 |  |  |
| SPLIT ROCK POND | 4.61 |  |  | .09 | .04 |  |  | .19 | .94 | .40 | .28 |  | .41 | .33 |  |  | .05 | .14 | .44 | .84 |  |  |  |  |  | .08 |  |  |  | .38 |  |  |
| SUSSEX 1 SE | 4.81 |  |  | T | .09 | .02 |  | .12 | .85 | .03 | .58 | .35 | .30 | .77 |  |  | .18 |  | .17 | .67 | .02 |  | T |  |  | .06 |  | T |  | .60 |  |  |
| WANAQUE RAYMOND DAM | 4.56 |  |  | T | .06 |  |  | .10 | 1.00 |  | .74 | .26 | .34 | .50 |  |  | .02 | .06 | .35 | .69 |  |  |  |  |  | .04 |  |  |  | .40 |  |  |
| WERTSVILLE | 4.30 |  |  |  | .11 | T |  | .25 | .68 |  | .80 | .45 | .52 | .32 |  |  | .02 | .01 | .34 | .35 |  |  |  |  |  | .16 |  | T | T | .29 |  |  |
| WEST WHARTON | 5.08 |  |  |  | .09 |  |  | .13 | .98 |  | .45 | .47 | .52 | .67 |  |  | .02 | .14 | .32 | .85 |  |  |  |  |  | .12 |  | T |  | .32 |  |  |
| WOODCLIFF LAKE | 5.31 |  |  | .04 | .03 |  |  | .96 | .05 | .13 | 1.03 | .01 | 1.12 | .04 |  | .05 | .10 | .12 | 1.05 | .03 |  |  |  |  | .10 | .03 |  |  | .16 | .26 |  |  |
| * * * SOUTHERN 02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY WB AP | 3.10 |  |  | T | .17 |  | T | .52 | .03 | .20 | .64 | .06 | .78 | T |  |  | T | .03 | .61 | .03 |  |  |  |  | T | T |  |  | .03 |  |  |  |
| AUDUBON | 4.92 |  |  | .10 | .10 |  |  | .64 | .10 | .11 | 1.32 |  | 1.63 |  |  |  | T | T | .60 |  |  |  |  |  | .08 | .11 |  |  | .13 | T |  |  |
| BASS RIVER ST FOREST | 4.74 |  |  |  | .19 | .03 |  | .39 | .52 |  | 1.11 |  | 1.42 | .33 |  |  |  |  | .07 | .68 |  |  |  |  |  |  |  |  |  |  |  |  |
| BELLEPLAIN ST FOREST | 3.23 |  |  |  | .12 | T |  | .38 | .09 |  | 1.12 |  | 1.05 | T |  |  |  |  | .31 | .12 |  |  |  |  |  |  |  |  | .04 |  |  |  |
| BURLINGTON | 4.51 |  |  |  |  |  |  | .60 | .07 |  | 1.35 | .01 | 1.55 | .02 |  |  |  | .01 | .54 | .20 |  |  |  |  |  |  |  |  | .12 | .04 |  |  |
| CANTON | 3.94 |  |  |  | .11 |  |  | .64 |  | .35 | .68 | .28 | .70 | .10 |  |  |  |  | .55 | .28 |  |  |  |  |  | .21 | .04 |  |  |  |  |  |
| CHATSWORTH | 6.30 |  |  |  | .12 |  |  | .70 | .22 |  | 1.50 |  | 2.50 | .11 |  |  |  | .02 | .75 | .38 |  |  |  |  |  |  |  |  |  |  |  |  |
| FORTESCUE | 4.11 |  |  |  | .25 |  |  | .23 | .25 |  | 1.33 | .22 | .60 | .38 |  |  |  |  | .25 | .50 |  |  |  |  |  | .10 |  |  |  |  |  |  |
| FREEHOLD | 6.03 |  |  |  | .03 | T |  | .26 | .84 |  | .88 | .41 | .95 | 1.06 |  |  | .02 | .02 | .35 | .88 |  |  |  |  |  | .16 |  | .01 |  | .16 |  |  |
| GLASSBORO | 2.56 |  |  |  | .10 | T |  | .21 | .66 | .05 | .97 | .35 |  |  |  |  |  | T | .16 |  |  |  |  |  |  |  |  |  | .06 |  |  |  |
| HAMMONTON 2 NNE | 5.23 |  |  |  | .08 | .05 |  | .18 | .48 |  | 1.02 | .39 | 1.02 | .81 |  |  |  | .03 | .17 | .85 |  |  |  |  |  | .13 |  |  |  | .02 |  |  |
| HIGHTSTOWN 1 N | 5.26 |  |  | .04 | .04 |  | T | 1.04 | .09 |  | 1.23 |  | 1.72 | .07 |  | T | T | .02 | .60 | .13 | T |  |  |  |  | .15 |  | T | .03 | .10 |  |  |
| INDIAN MILLS 2 W | 5.50 |  |  | T | .11 |  |  | .54 | .38 |  | 1.37 |  | 2.07 | .06 |  |  | T | T | .43 | .37 |  |  |  |  |  | .17 |  |  | T | T |  |  |
| MAYS LANDING 1 W | 4.55 |  |  |  | .30 | T |  | .22 | .29 | .03 | .96 | .32 | 1.17 | .49 |  |  |  |  | .14 | .54 |  |  |  |  |  | .03 |  |  |  | .06 |  |  |
| MILLVILLE | 4.53 |  |  |  | .15 |  |  | .26 | .32 | .03 | 1.03 | .33 | .92 | .44 |  |  |  |  | .25 | .65 | .03 |  |  |  |  | .10 |  |  |  | .02 |  |  |
| MILLVILLE FAA AIRPORT | 4.28 |  |  |  | .12 | T | T | .48 | .11 | .28 | 1.06 | .13 | 1.35 |  |  |  | T | .07 | .64 | T |  |  |  |  | .03 | T |  | T | .01 |  |  |  |
| MOORESTOWN | 5.06 |  |  |  | .06 | .05 |  | .15 | .53 |  | 1.39 |  | .67 | .95 |  |  |  |  | .35 | .45 |  |  |  |  |  | .22 |  |  |  | .24 |  |  |
| NEW BRUNSWICK | 5.77 |  |  | .03 | .12 |  |  | .32 | .92 |  | .98 | .22 | .85 | 1.06 |  |  | .01 | .03 | .34 | .44 |  | T |  |  |  | .20 | T | .01 | T | .24 |  |  |
| NEW MONMOUTH | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |
| PEMBERTON 3 E | 6.08 |  |  |  | .23 |  |  | .82 | .13 |  | 1.29 |  | 2.41 |  |  |  | .02 | .03 | .52 | .33 |  |  |  |  |  | .15 |  |  | .04 | .11 |  |  |
| PRINCETON WATER WORKS | 5.14 |  |  | .05 | .01 |  |  | .95 | T | .17 | 1.16 | .02 | 1.42 | T |  | T | T | T | .75 | T |  |  |  |  | .11 |  | .05 | T | .10 | .35 |  |  |
| SEABROOK FARMS | 4.59 |  |  |  | .09 | T |  | .26 | .53 | .07 | 1.39 |  | .76 | .66 |  |  |  |  | .17 | .47 |  |  |  |  |  | .16 |  |  |  | .03 |  |  |
| SHILOH | 4.32 |  |  |  | .15 |  |  | .62 | .30 |  | 1.35 |  | 1.07 | .01 |  |  |  |  | .32 | .29 |  |  |  |  |  | .18 |  |  | .03 |  |  |  |
| TOMS RIVER | 5.71 |  |  |  |  | .18 |  | .70 | .55 |  | .85 | .40 | 1.30 | .74 |  |  |  | .04 | .20 | .67 |  |  |  |  |  | .05 |  |  |  | .03 |  |  |
| TRENTON WB CITY R | 4.46 |  |  | .02 | .01 |  | .01 | .85 |  | .25 | .98 | .02 | 1.27 |  |  |  | .01 | .01 | .65 |  |  |  |  |  | .18 | .01 |  | T | .10 | .09 |  |  |
| TUCKERTON | 5.24 |  |  | T | .19 |  | T | 1.00 | .26 | T | 1.37 | T | 1.34 | .02 |  | T | T | T | .79 | .22 | T |  | T |  |  | .01 |  | T | .04 | T |  |  |
| WOODSTOWN | 4.97 |  |  | T | .27 | .01 |  | .71 | .41 |  | 1.38 | .03 | 1.44 | T |  |  |  | .02 | .38 | .04 |  |  |  |  |  | .18 |  |  | .10 |  |  |  |
| * * * COASTAL 03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY R | 3.08 |  |  |  | .17 |  |  | .50 | .02 | .22 | .99 | .05 | .61 |  |  |  |  | .04 | .43 | .02 |  |  |  |  |  |  |  |  | .03 |  |  |  |
| BELMAR 2 SW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |
| CAPE MAY 3 W | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |
| LONG BRANCH 2 N | 7.17 |  |  | .03 | .01 |  | T | 1.28 | .17 |  | 1.77 |  | 1.89 | .05 |  | T | T | .03 | 1.36 | .40 |  |  |  |  |  | .08 |  | T | .01 | .09 |  |  |

# SUPPLEMENTAL DATA

| Station | Wind (Speed - m.p.h.) |  |  |  |  |  | Relative humidity averages - percent |  |  |  | Number of days with precipitation |  |  |  |  |  |  | Percent of possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | EASTERN STANDARD TIME 1 AM | 7 AM | 1 PM | 7 PM | Trace | .01–.09 | .10–.49 | .50–.99 | 1.00–1.99 | 2.00 and over | Total |  |  |
| ATLANTIC CITY WB AIRPORT | 28 | 4.3 | 12.1 | 39++ | 6 | 12 | 81 | 83 | 58 | 74 | 6 | 5 | 2 | 4 | 0 | 0 | 17 | 29 | 7.5 |
| ATLANTIC CITY ST. MARINA | - | - | - | 62 | E | 12 | - | - | - | - | 0 | 5 | 3 | 3 | 0 | 0 | 11 | - | - |
| NEWARK WB AIRPORT | 29 | 5.4 | 12.1 | 39++ | 4 | 12 | 75 | 80 | 64 | 70 | 7 | 7 | 4 | 3 | 1 | 0 | 22 | - | 8.3 |
| TRENTON WB CITY | - | - | - | 40 | NE | 12 | - | - | - | - | 1 | 8 | 3 | 3 | 1 | 0 | 16 | 31 | 8.1 |

See reference notes following Station Index.

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 55 | 63 | 73 | 49 | 53 | 54 | 52 | 45 | 49 | 44 | 40 | 47 | 35 | 40 | 46 | 47 | 47 | 51 | 59 | 44 | 42 | 41 | 52 | 52 | 53 | 48 | 47 | 53 | 65 | 57 | | 50.1 |
| | MIN | 25 | 26 | 39 | 35 | 36 | 39 | 43 | 40 | 36 | 31 | 31 | 31 | 29 | 30 | 30 | 36 | 31 | 34 | 32 | 26 | 23 | 25 | 26 | 27 | 33 | 29 | 37 | 31 | 38 | 36 | | 32.2 |
| BOONTON 1 SE | MAX | 53 | 63 | 73 | 53 | 54 | 56 | 52 | 46 | 48 | 49 | 40 | 49 | 35 | 39 | 44 | 51 | 49 | 45 | 58 | 43 | 41 | 40 | 52 | 51 | 55 | 47 | 50 | 51 | 64 | 58 | | 50.3 |
| | MIN | 27 | 31 | 44 | 38 | 40 | 34 | 39 | 41 | 34 | 33 | 33 | 32 | 31 | 33 | 34 | 35 | 34 | 35 | 38 | 34 | 30 | 28 | 27 | 34 | 39 | 33 | 35 | 32 | 39 | 35 | | 34.4 |
| CANOE BROOK | MAX | 54 | 65 | 72 | 53 | 55 | 57 | 53 | 47 | 48 | 48 | 40 | 50 | 37 | 41 | 47 | 50 | 48 | 48 | 60 | 46 | 42 | 43 | 52 | 52 | 58 | 49 | 49 | 52 | 65 | 61 | | 51.4 |
| | MIN | 25 | 27 | 40 | 37 | 41 | 32 | 37 | 41 | 32 | 33 | 32 | 30 | 28 | 31 | 35 | 38 | 35 | 36 | 36 | 32 | 28 | 31 | 28 | 31 | 33 | 24 | 33 | 32 | 37 | 36 | | 33.0 |
| CHARLOTTEBURG | MAX | 50 | 63 | 73 | 52 | 52 | 55 | 52 | 43 | 45 | 46 | 37 | 46 | 33 | 36 | 42 | 50 | 46 | 43 | 55 | 42 | 39 | 40 | 49 | 51 | 56 | 45 | 47 | 48 | 63 | 57 | | 48.5 |
| | MIN | 28 | 31 | 48 | 36 | 36 | 34 | 35 | 38 | 38 | 32 | 32 | 31 | 27 | 30 | 31 | 33 | 32 | 33 | 36 | 30 | 27 | 27 | 30 | 30 | 39 | 31 | 31 | 28 | 35 | 33 | | 32.7 |
| ELIZABETH | MAX | 63 | 75 | 60 | 57 | 58 | 57 | 54 | 51 | 52 | 47 | 53 | 48 | 44 | 47 | 49 | 52 | 46 | 58 | 61 | 44 | 44 | 56 | 52 | 60 | 55 | 50 | 54 | 55 | 67 | 55 | | 54.1 |
| | MIN | 30 | 46 | 43 | 43 | 50 | 41 | 39 | 41 | 35 | 37 | 36 | 34 | 32 | 31 | 39 | 43 | 37 | 39 | 38 | 33 | 26 | 34 | 29 | 36 | 39 | 30 | 40 | 39 | 50 | 37 | | 37.6 |
| ESSEX FELLS SERV BLDG | MAX | 54 | 63 | 74 | 52 | 53 | 57 | 51 | 45 | 47 | 48 | 44 | 47 | 35 | 40 | 44 | 49 | 47 | 52 | 59 | 45 | 41 | 44 | 51 | 60 | 56 | 46 | 49 | 50 | 56 | 59 | | 50.6 |
| | MIN | 28 | 44 | 43 | 29 | 47 | 34 | 42 | 40 | 35 | 32 | 33 | 32 | 30 | 31 | 34 | 37 | 35 | 35 | 36 | 32 | 25 | 32 | 43 | 34 | 37 | 30 | 37 | 32 | 40 | 35 | | 35.1 |
| FLEMINGTON 1 NE | MAX | 54 | 65 | 72 | 51 | 51 | 57 | 52 | 48 | 50 | 49 | 41 | 49 | 36 | 40 | 45 | 50 | 52 | 44 | 60 | 46 | 42 | 41 | 54 | 53 | 57 | 48 | 46 | 52 | 66 | 59 | | 51.0 |
| | MIN | 22 | 23 | 41 | 40 | 40 | 42 | 45 | 43 | 34 | 36 | 32 | 32 | 32 | 30 | 30 | 37 | 36 | 38 | 38 | 32 | 26 | 26 | 26 | 28 | 40 | 33 | 34 | 34 | 41 | 38 | | 34.3 |
| HIGH POINT PARK | MAX | 38 | 57 | 61 | 56 | 56 | 50 | 46 | 41 | 46 | 35 | 37 | 41 | 34 | 32 | 43 | 45 | 41 | 38 | 50 | 40 | 37 | 37 | 45 | 48 | 55 | 54 | 53 | 47 | 58 | 53 | | 45.8 |
| | MIN | 25 | 30 | 41 | 30 | 34 | 34 | 33 | 33 | 33 | 30 | 29 | 29 | 24 | 23 | 28 | 34 | 24 | 25 | 26 | 21 | 19 | 21 | 26 | 32 | 29 | 30 | 34 | 22 | 30 | 24 | | 28.4 |
| JERSEY CITY | MAX | 62 | 74 | 58 | 54 | 57 | 52 | 51 | 48 | 50 | 44 | 49 | 48 | 40 | 46 | 48 | 52 | 44 | 56 | 56 | 43 | 43 | 53 | 50 | 59 | 47 | 47 | 51 | 58 | 62 | 42 | | 51.5 |
| | MIN | 40 | 52 | 49 | 45 | 49 | 41 | 46 | 43 | 44 | 36 | 39 | 34 | 34 | 35 | 42 | 44 | 38 | 41 | 38 | 36 | 31 | 37 | 38 | 43 | 41 | 35 | 40 | 40 | 42 | 36 | | 40.3 |
| LAMBERTVILLE | MAX | 67 | 72 | 58 | 52 | 57 | 54 | 52 | 50 | 50 | 46 | 49 | 46 | 42 | 46 | 54 | 53 | 44 | 60 | 61 | 43 | 42 | 55 | 54 | 62 | 54 | 48 | 53 | 63 | 66 | 49 | | 53.4 |
| | MIN | 27 | 42 | 42 | 42 | 48 | 45 | 45 | 43 | 36 | 34 | 35 | 33 | 32 | 30 | 38 | 43 | 38 | 39 | 37 | 34 | 26 | 35 | 26 | 35 | 35 | 29 | 38 | 38 | 48 | 39 | | 37.1 |
| LAYTON 2 | MAX | 53 | 62 | 75 | 51 | 48 | 54 | 50 | 43 | 45 | 48 | 38 | 45 | 34 | 38 | 44 | 41 | 42 | 38 | 49 | 45 | 40 | 40 | 51 | 53 | 55 | 47 | 46 | 53 | 60 | 57 | | 48.2 |
| | MIN | 22 | 23 | 35 | 36 | 36 | 34 | 40 | 39 | 35 | 32 | 31 | 32 | 29 | 30 | 30 | 32 | 31 | 32 | 29 | 28 | 22 | 23 | 25 | 27 | 32 | 30 | 35 | 26 | 34 | 31 | | 30.7 |
| LITTLE FALLS | MAX | 52 | 66 | 78 | 55 | 54 | 63 | 53 | 57 | 49 | 51 | 46 | 50 | 38 | 40 | 46 | 53 | 49 | 50 | 59 | 47 | 42 | 43 | 53 | 52 | 58 | 50 | 52 | 52 | 68 | 61 | | 52.9 |
| | MIN | 28 | 44 | 44 | 37 | 46 | 33 | 42 | 40 | 38 | 34 | 35 | 31 | 30 | 29 | 33 | 40 | 35 | 35 | 37 | 33 | 28 | 33 | 29 | 35 | 39 | 32 | 35 | 36 | 41 | 37 | | 35.6 |
| LONG VALLEY | MAX | 52 | 62 | 72 | 50 | 53 | 56 | 51 | 45 | 49 | 47 | 39 | 47 | 35 | 38 | 44 | 48 | 44 | 47 | 57 | 44 | 41 | 40 | 52 | 50 | 55 | 45 | 45 | 50 | 64 | 59 | | 49.6 |
| | MIN | 20 | 21 | 35 | 32 | 33 | 35 | 39 | 37 | 29 | 29 | 30 | 29 | 26 | 26 | 26 | 30 | 32 | 32 | 31 | 28 | 19 | 18 | 24 | 30 | 30 | 25 | 24 | 28 | 37 | 32 | | 28.9 |
| MORRIS PLAINS 1 W | MAX | 53 | 63 | 74 | 52 | 55 | 55 | 51 | 46 | 49 | 48 | 40 | 49 | 35 | 38 | 43 | 48 | 48 | 44 | 59 | 44 | 41 | 41 | 52 | 51 | 55 | 46 | 49 | 50 | 65 | 58 | | 50.1 |
| | MIN | 26 | 30 | 46 | 40 | 40 | 35 | 41 | 41 | 31 | 32 | 33 | 31 | 30 | 32 | 33 | 34 | 34 | 34 | 36 | 33 | 26 | 26 | 27 | 28 | 37 | 29 | 30 | 33 | 38 | 34 | | 33.3 |
| NEWARK WB AIRPORT | MAX | 64 | 76 | 57 | 56 | 58 | 55 | 54 | 51 | 51 | 45 | 52 | 43 | 43 | 46 | 50 | 53 | 41 | 62 | 49 | 42 | 43 | 54 | 52 | 61 | 48 | 47 | 53 | 63 | 68 | 40 | | 52.6 |
| | MIN | 35 | 50 | 48 | 45 | 47 | 44 | 46 | 44 | 39 | 39 | 40 | 33 | 34 | 34 | 40 | 39 | 37 | 41 | 36 | 32 | 28 | 35 | 33 | 40 | 38 | 33 | 41 | 39 | 40 | 34 | | 38.8 |
| NEWTON | MAX | 51 | 60 | 72 | 51 | 51 | 53 | 50 | 43 | 45 | 46 | 40 | 45 | 34 | 37 | 43 | 45 | 44 | 40 | 57 | 42 | 40 | 39 | 50 | 50 | 54 | 45 | 46 | 51 | 59 | 57 | | 48.0 |
| | MIN | 22 | 24 | 38 | 31 | 36 | 31 | 40 | 39 | 33 | 32 | 32 | 31 | 28 | 30 | 32 | 34 | 30 | 30 | 35 | 31 | 26 | 28 | 35 | 34 | 33 | 31 | 33 | 28 | 35 | 34 | | 31.9 |
| PATERSON | MAX | 53 | 64 | 77 | 55 | 55 | 57 | 53 | 47 | 49 | 51 | 45 | 50 | 41 | 41 | 46 | 52 | 50 | 50 | 58 | 47 | 43 | 46 | 55 | 55 | 58 | 55 | 51 | 53 | 66 | 62 | | 52.8 |
| | MIN | 36 | 40 | 50 | 41 | 43 | 45 | 43 | 42 | 40 | 34 | 34 | 32 | 32 | 36 | 39 | 41 | 35 | 36 | 39 | 33 | 30 | 32 | 35 | 40 | 40 | 35 | 39 | 36 | 40 | 38 | | 37.9 |
| PHILLIPSBURG | MAX | 66 | 76 | 71 | 58 | 57 | 56 | 52 | 51 | 50 | 50 | 48 | 46 | 42 | 46 | 52 | 51 | 45 | 59 | 60 | 43 | 42 | 54 | 54 | 56 | 57 | 47 | 54 | 54 | 67 | 53 | | 53.9 |
| | MIN | 26 | 43 | 41 | 37 | 47 | 44 | 43 | 42 | 39 | 33 | 35 | 33 | 31 | 31 | 37 | 44 | 34 | 34 | 35 | 33 | 27 | 27 | 29 | 35 | 33 | 33 | 40 | 35 | 50 | 38 | | 36.3 |
| PLAINFIELD | MAX | 65 | 73 | 51 | 54 | 57 | 54 | 47 | 50 | 50 | 40 | 51 | 35 | 42 | 47 | 51 | 50 | 46 | 60 | 46 | 43 | 41 | 54 | 52 | 58 | 49 | 47 | 53 | 62 | 66 | 54 | | 51.6 |
| | MIN | 28 | 44 | 42 | 41 | 48 | 38 | 45 | 43 | 33 | 36 | 35 | 33 | 32 | 30 | 38 | 46 | 37 | 38 | 38 | 33 | 24 | 32 | 29 | 34 | 41 | 27 | 37 | 37 | 54 | 37 | | 37.0 |
| SOMERVILLE | MAX | 64 | 73 | 65 | 52 | 58 | 55 | 52 | 50 | 50 | 46 | 51 | 45 | 42 | 46 | 49 | 50 | 43 | 60 | 56 | 42 | 42 | 54 | 52 | 56 | 52 | 47 | 53 | 57 | 66 | 49 | | 52.6 |
| | MIN | 27 | 41 | 41 | 42 | 48 | 44 | 44 | 43 | 34 | 35 | 37 | 33 | 32 | 32 | 38 | 43 | 36 | 38 | 37 | 32 | 26 | 29 | 27 | 34 | 36 | 27 | 39 | 37 | 48 | 37 | | 36.6 |
| SUSSEX 1 SE | MAX | 51 | 62 | 73 | 52 | 48 | 53 | 47 | 42 | 45 | 46 | 38 | 44 | 34 | 37 | 42 | 44 | 43 | 37 | 53 | 42 | 38 | 37 | 50 | 51 | 53 | 45 | 45 | 50 | 65 | 57 | | 47.5 |
| | MIN | 19 | 20 | 34 | 32 | 32 | 34 | 35 | 36 | 36 | 28 | 28 | 27 | 25 | 28 | 29 | 30 | 27 | 27 | 32 | 26 | 20 | 24 | 24 | 31 | 34 | 28 | 31 | 23 | 30 | 32 | | 28.7 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 61 | 75 | 65 | 55 | 60 | 55 | 57 | 50 | 47 | 44 | 47 | 54 | 39 | 45 | 57 | 61 | 52 | 58 | 43 | 40 | 39 | 54 | 52 | 60 | 50 | 45 | 57 | 59 | 65 | 41 | | 52.9 |
| | MIN | 26 | 48 | 40 | 44 | 45 | 37 | 45 | 37 | 33 | 34 | 28 | 28 | 29 | 19 | 39 | 46 | 44 | 43 | 32 | 22 | 18 | 24 | 22 | 44 | 31 | 21 | 45 | 46 | 41 | 31 | | 34.7 |
| AUDUBON | MAX | 69 | 77 | 64 | 53 | 60 | 59 | 54 | 52 | 51 | 43 | 53 | 46 | 44 | 52 | 58 | 55 | 46 | 62 | 49 | 44 | 43 | 57 | 56 | 65 | 52 | 49 | 55 | 64 | 67 | 47 | | 54.9 |
| | MIN | 31 | 49 | 46 | 45 | 50 | 47 | 48 | 44 | 41 | 38 | 38 | 33 | 34 | 33 | 41 | 45 | 42 | 43 | 38 | 33 | 28 | 35 | 29 | 34 | 42 | 33 | 40 | 44 | 46 | 32 | | 39.4 |
| BELLEPLAIN ST FOREST | MAX | 67 | 78 | 72 | 68 | 64 | 58 | 57 | 53 | 51 | 49 | 50 | 54 | 43 | 50 | 60 | 63 | 55 | 69 | 61 | 45 | 43 | 60 | 58 | 65 | 58 | 51 | 60 | 60 | 66 | 54 | | 58.1 |
| | MIN | 25 | 45 | 40 | 45 | 52 | 45 | 49 | 46 | 35 | 40 | 31 | 40 | 33 | 29 | 40 | 47 | 48 | 48 | 35 | 34 | 26 | 38 | 23 | 39 | 40 | 29 | 35 | 47 | 53 | 40 | | 39.2 |
| BURLINGTON | MAX | | 78 | | | 59 | 57 | 54 | 52 | 51 | 49 | 50 | 48 | 43 | 48 | 56 | 55 | 48 | 62 | 65 | 43 | 42 | 55 | 52 | 65 | | 48 | 58 | 60 | 68 | 54 | | 54.6 |
| | MIN | 31 | 46 | | 47 | 52 | 52 | 46 | 45 | 42 | 37 | 37 | 34 | 30 | 33 | 41 | 44 | 44 | 42 | 41 | 34 | 38 | 30 | 28 | | 45 | 41 | 35 | 45 | 49 | 39 | | 40.3 |
| CHATSWORTH | MAX | 68 | 78 | 69 | 54 | 60 | 56 | 55 | 52 | 52 | 48 | 48 | 50 | 42 | 49 | | 56 | 53 | 59 | 61 | 44 | 43 | | 57 | 66 | 64 | 55 | | 67 | 57 | | | 56.3 |
| | MIN | 29 | 62 | 39 | 41 | 50 | 42 | 50 | 44 | 33 | 39 | 33 | | 31 | 25 | | 50 | 45 | 44 | 37 | 32 | 23 | | 23 | 34 | 28 | 20 | | 47 | 38 | | | 37.6 |
| FREEHOLD | MAX | 53 | 63 | 73 | 52 | 52 | 57 | 52 | 50 | 48 | 49 | 42 | 49 | 43 | 40 | 46 | 54 | 54 | 52 | 60 | 46 | 43 | 43 | 53 | 55 | 65 | 48 | 47 | 51 | 65 | 60 | | 52.2 |
| | MIN | 28 | 41 | 47 | 41 | 46 | 36 | 45 | 43 | 35 | 40 | 33 | | 26 | 30 | 35 | 40 | 41 | 41 | 36 | 32 | 27 | 31 | 28 | 38 | 41 | 29 | 35 | 35 | 48 | 36 | | 36.8 |
| GLASSBORO | MAX | 56 | 68 | 76 | 68 | 59 | 59 | 52 | 52 | 53 | 50 | 44 | 51 | 40 | 42 | 49 | 59 | 58 | 55 | 61 | 46 | 42 | 52 | 57 | 56 | 64 | 51 | 51 | 54 | 66 | 66 | | 55.2 |
| | MIN | 29 | 41 | 39 | 36 | 46 | 43 | 48 | 49 | 35 | 38 | 31 | 38 | 32 | 31 | 35 | 43 | 36 | 38 | 37 | 31 | 29 | 36 | 27 | 29 | 39 | 32 | 33 | 49 | 46 | 39 | | 37.2 |
| HAMMONTON 2 NNE | MAX | 58 | 68 | 80 | 63 | 55 | 60 | 56 | 54 | 52 | 51 | 42 | 53 | 51 | 45 | 52 | 60 | 61 | 55 | 62 | 50 | 47 | 45 | 60 | 62 | 65 | 53 | 53 | 58 | 66 | 67 | | 56.8 |
| | MIN | 32 | 40 | 45 | 44 | 42 | 45 | 48 | 40 | 40 | 40 | 34 | 42 | 33 | 30 | 33 | 44 | 45 | 45 | 37 | 32 | 26 | 31 | 30 | 35 | 42 | 30 | 33 | 43 | 52 | 39 | | 38.4 |
| HIGHTSTOWN 1 N | MAX | 63 | 72 | 65 | 52 | 58 | 54 | 53 | 49 | 50 | 46 | 49 | 46 | 41 | 45 | 54 | 54 | 45 | 60 | 60 | 42 | 41 | 53 | 54 | 63 | 55 | 46 | 52 | 56 | 66 | 51 | | 53.2 |
| | MIN | 27 | 47 | 45 | 43 | 49 | 39 | 47 | 43 | 37 | 38 | 35 | 36 | 32 | 31 | 39 | 45 | 40 | 40 | 36 | 33 | 28 | 35 | 28 | 32 | 40 | 31 | 38 | 37 | 51 | 37 | | 38.0 |
| INDIAN MILLS 2 W | MAX | 67 | 75 | 64 | 52 | 59 | 55 | 53 | 50 | 50 | 46 | 50 | 49 | 42 | 48 | 57 | 57 | 48 | 60 | 60 | 42 | 42 | 55 | 56 | 65 | 57 | 48 | 54 | 59 | 66 | 49 | | 54.5 |
| | MIN | 23 | 45 | 38 | 38 | 47 | 44 | 46 | 43 | 33 | 36 | 31 | 32 | 31 | 27 | 37 | 47 | 42 | 41 | 33 | 31 | 23 | 35 | 21 | 34 | 40 | 25 | 29 | 41 | 49 | 37 | | 36.0 |
| MILLVILLE | MAX | 56 | 68 | 76 | 68 | 59 | 64 | 59 | 55 | 52 | 50 | 44 | 53 | 49 | 43 | 50 | 61 | 63 | 55 | 60 | 48 | 44 | 48 | 58 | 59 | 65 | 52 | 52 | 59 | 64 | 66 | | 56.7 |
| | MIN | 29 | 47 | 42 | 45 | 50 | 47 | 50 | 46 | 36 | 39 | 34 | 39 | 31 | 31 | 37 | 47 | 47 | 47 | 38 | 32 | 29 | 33 | 25 | 36 | 39 | 33 | 36 | 48 | 47 | 39 | | 39.3 |
| MILLVILLE FAA AIRPORT | MAX | 65 | 76 | 65 | 58 | 61 | 57 | 55 | 54 | 49 | 45 | 53 | 49 | 42 | 48 | 59 | 61 | 53 | 60 | 47 | 42 | 42 | 58 | 54 | 63 | 50 | 48 | 58 | 62 | 65 | 45 | | 54.8 |
| | MIN | 29 | 50 | 45 | 47 | 52 | 49 | 48 | 43 | 37 | 39 | 36 | 33 | 35 | 32 | 43 | 46 | 48 | 45 | 38 | 32 | 29 | 32 | 26 | 42 | 37 | 33 | 48 | 49 | 45 | 31 | | 40.0 |
| MOORESTOWN | MAX | 65 | 74 | 57 | 50 | 55 | 53 | 50 | 48 | 48 | 39 | 45 | 40 | 40 | 46 | 54 | 52 | 50 | 60 | 55 | 40 | 38 | 52 | 52 | 61 | 48 | 46 | 52 | 64 | 66 | 44 | | 51.5 |
| | MIN | 28 | 48 | 42 | 43 | 47 | 45 | 48 | 43 | 39 | 36 | 34 | 35 | 32 | 31 | 35 | 42 | 40 | 41 | 35 | 31 | 28 | 32 | 28 | 32 | 39 | 31 | 37 | 41 | 43 | 28 | | 37.1 |
| NEW BRUNSWICK | MAX | 53 | 69 | 72 | 51 | 51 | 57 | 53 | 48 | 51 | 49 | 42 | 51 | 40 | 41 | 45 | 54 | 52 | 52 | 61 | 42 | 42 | 41 | 53 | 52 | 61 | 48 | 47 | 53 | 67 | 59 | | 51.9 |
| | MIN | 31 | 37 | 49 | 44 | 46 | 40 | 41 | 43 | 38 | 36 | 36 | 33 | 32 | 31 | 34 | 41 | 38 | 38 | 37 | 33 | 27 | 30 | 30 | 36 | 40 | 31 | 34 | 38 | 48 | 37 | | 37.0 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW MONMOUTH | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | MAX | 68 | 78 | 62 | 52 | 60 | 57 | 53 | 50 | 51 | 47 | 48 | 41 | 42 | 48 | 56 | 55 | 55 | 60 | 58 | 44 | 43 | 56 | 56 | 65 | 56 | 50 | 55 | 58 | 66 | 55 | | 54.8 |
| | MIN | 26 | 47 | 43 | 44 | 49 | 44 | 50 | 45 | 36 | 40 | 34 | 36 | 33 | 28 | 39 | 47 | 43 | 43 | 36 | 32 | 24 | 35 | 28 | 40 | 42 | 28 | 33 | 43 | 55 | 38 | | 38.7 |
| SEABROOK FARMS | MAX | 55 | 65 | 76 | 64 | 56 | 58 | 57 | 54 | 52 | 48 | 42 | 51 | 43 | 42 | 48 | 59 | 60 | 55 | 60 | 48 | 42 | 42 | 57 | 57 | 64 | 50 | 51 | 56 | 64 | 63 | | 54.6 |
| | MIN | 30 | 42 | 44 | 46 | 48 | 48 | 49 | 47 | 36 | 39 | 36 | 39 | 33 | 31 | 36 | 45 | 45 | 45 | 38 | 33 | 28 | 31 | 27 | 32 | 39 | 33 | 36 | 46 | 53 | 40 | | 39.2 |
| SHILOH | MAX | 65 | 77 | 66 | 55 | 58 | 57 | 55 | 53 | 51 | 46 | 51 | 47 | 43 | 49 | 57 | 59 | 57 | 58 | 59 | 42 | 42 | 58 | 55 | 64 | 55 | 49 | 56 | 56 | 64 | 51 | | 55.2 |
| | MIN | 31 | 48 | 46 | 47 | 50 | 47 | 49 | 46 | 37 | 38 | 36 | 33 | 33 | 30 | 40 | 47 | 45 | 47 | 38 | 32 | 28 | 35 | 31 | 41 | 38 | 33 | 36 | 45 | 51 | 40 | | 39.9 |
| TOMS RIVER | MAX | 55 | 68 | 75 | 61 | 55 | 59 | 55 | 56 | 51 | 51 | 46 | 48 | 51 | 42 | 47 | 58 | 58 | 53 | 60 | 47 | 43 | 47 | 56 | 55 | 67 | 50 | 53 | 55 | 64 | 63 | | 55.0 |
| | MIN | 26 | 43 | 40 | 43 | 48 | 40 | 44 | 44 | 36 | 41 | 37 | 32 | 33 | 32 | 38 | 43 | 46 | 45 | 38 | 32 | 25 | 33 | 25 | 36 | 43 | 30 | 30 | 40 | 52 | 36 | | 37.7 |
| TRENTON WB CITY | MAX | 65 | 73 | 58 | 52 | 57 | 53 | 52 | 51 | 49 | 42 | 49 | 43 | 41 | 45 | 53 | 54 | 44 | 62 | 47 | 42 | 42 | 54 | 55 | 62 | 48 | 47 | 54 | 64 | 67 | 43 | | 52.3 |
| | MIN | 36 | 50 | 50 | 47 | 50 | 45 | 46 | 45 | 42 | 37 | 41 | 33 | 33 | 33 | 42 | 44 | 40 | 41 | 37 | 34 | 30 | 37 | 36 | 42 | 42 | 36 | 42 | 42 | 43 | 35 | | 40.4 |
| TUCKERTON | MAX | 63 | 79 | 68 | 57 | 69 | 57 | 61 | 52 | 50 | 48 | 48 | 56 | 43 | 50 | 55 | 61 | 53 | 58 | 58 | 44 | 44 | 58 | 60 | 60 | 52 | 49 | 58 | 58 | 66 | 52 | | 56.2 |
| | MIN | 26 | 47 | 44 | 44 | 49 | 41 | 51 | 45 | 36 | 38 | 36 | 37 | 33 | 29 | 41 | 47 | 47 | 47 | 36 | 32 | 26 | 37 | 25 | 43 | 42 | 28 | 32 | 45 | 50 | 37 | | 39.0 |
| WOODSTOWN | MAX | 67 | 76 | 66 | 55 | 59 | | 57 | 59 | 51 | 47 | 51 | 47 | 42 | 48 | 57 | 59 | 52 | 62 | 60 | 40 | 40 | 58 | 56 | 65 | 57 | 48 | 57 | 59 | 66 | 51 | | 55.6 |
| | MIN | 28 | 47 | 41 | 44 | 50 | | 46 | 46 | 34 | 38 | 37 | 32 | 36 | 32 | 40 | 47 | 42 | 44 | 35 | 32 | 27 | 34 | 26 | 34 | 38 | 34 | 33 | 45 | 50 | 40 | | 38.3 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 58 | 75 | 65 | 56 | 57 | 56 | 60 | 53 | 50 | 49 | 52 | 56 | 42 | 49 | 55 | 60 | 53 | 58 | 47 | 43 | 44 | 57 | 52 | 56 | 51 | 51 | 58 | 58 | 64 | 45 | | 54.3 |
| | MIN | 39 | 55 | 50 | 50 | 52 | 48 | 50 | 44 | 40 | 40 | 39 | 35 | 35 | 31 | 45 | 49 | 49 | 47 | 38 | 32 | 29 | 41 | 34 | 48 | 38 | 33 | 50 | 50 | 45 | 39 | | 42.5 |
| CAPE MAY 3 W | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2 N | MAX | 60 | 71 | 65 | 54 | 58 | 54 | 54 | 53 | 52 | 47 | 52 | 48 | 43 | 47 | 52 | 54 | 47 | 58 | 58 | 43 | 41 | 53 | 52 | 60 | 52 | 46 | 51 | 56 | 65 | 50 | | 53.2 |
| | MIN | 32 | 48 | 51 | 48 | 51 | 47 | 48 | 44 | 41 | 39 | 40 | 39 | 34 | 33 | 40 | 45 | 42 | 43 | 39 | 34 | 30 | 37 | 33 | 39 | 43 | 31 | 40 | 41 | 50 | 38 | | 40.7 |

# DAILY SOIL TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK<br>PLOT 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 INCH | MAX | 56 | 62 | 54 | 53 | 56 | 53 | - | 52 | 53 | 49 | 51 | 47 | - | - | - | - | - | 54 | 51 | 42 | 42 | 45 | 48 | 50 | 48 | 45 | 47 | 54 | 56 | 46 | | 50.6 |
| | MIN | 43 | 51 | 52 | 51 | 52 | 49 | - | 49 | 47 | 46 | 45 | 37 | - | - | - | - | - | - | 40 | 38 | 36 | 38 | 38 | 42 | 42 | 38 | 42 | 43 | 46 | 41 | | 43.7 |
| 2 INCHES | MAX | 53 | 59 | 55 | 54 | 56 | 54 | - | 52 | 52 | 50 | 49 | 48 | - | - | - | - | - | 53 | 51 | 43 | 42 | 44 | 46 | 49 | 48 | 44 | 40 | 52 | 54 | 48 | | 49.8 |
| | MIN | 45 | 51 | 53 | 52 | 53 | 50 | - | 50 | 49 | 47 | 46 | 39 | - | - | - | - | - | - | 43 | 40 | 39 | 40 | 40 | 43 | 44 | 40 | 43 | 44 | 48 | 43 | | 45.3 |
| 4 INCHES | MAX | 54 | 58 | 56 | 54 | 57 | 54 | - | 53 | 52 | 51 | 50 | 49 | - | - | - | - | - | 52 | 52 | 45 | 43 | 44 | 46 | 49 | 48 | 45 | 46 | 50 | 53 | 49 | | 50.4 |
| | MIN | 47 | 52 | 53 | 53 | 54 | 51 | - | 51 | 50 | 48 | 47 | 41 | - | - | - | - | - | - | 45 | 41 | 45 | 41 | 41 | 44 | 45 | 41 | 44 | 44 | 49 | 44 | | 46.6 |
| 8 INCHES | MAX | 53 | 56 | 56 | 55 | 56 | 55 | - | 53 | 52 | 52 | 51 | 51 | - | - | - | - | - | 51 | 51 | 48 | 45 | 45 | 46 | 48 | 48 | 47 | 47 | 48 | 51 | 50 | | 50.6 |
| | MIN | 50 | 53 | 55 | 54 | 54 | 53 | - | 52 | 52 | 50 | 50 | 44 | - | - | - | - | - | - | 48 | 45 | 43 | 43 | 44 | 45 | 47 | 44 | 45 | 46 | 48 | 47 | | 48.3 |
| 20 INCHES | MAX | 56 | 57 | 57 | 57 | 57 | 57 | - | 56 | 55 | 55 | 54 | 53 | - | - | - | - | - | 51 | 51 | 51 | 50 | 49 | 48 | 49 | 49 | 49 | 49 | 49 | 50 | 51 | | 52.5 |
| | MIN | 56 | 56 | 57 | 57 | 57 | 56 | - | 55 | 55 | 54 | 53 | 50 | - | - | - | - | - | - | 51 | 50 | 49 | 48 | 48 | 48 | 49 | 48 | 48 | 48 | 49 | 50 | | 51.8 |
| 40 INCHES | MAX | 60 | 59 | 59 | 59 | 59 | 59 | - | 59 | 58 | 57 | 58 | 57 | - | - | - | - | - | 54 | 54 | 54 | 53 | 53 | 52 | 52 | 52 | 52 | 52 | 51 | 51 | 52 | | 55.2 |
| | MIN | 59 | 59 | 59 | 59 | 59 | 59 | - | 57 | 57 | 57 | 57 | 54 | - | - | - | - | - | - | 53 | 53 | 53 | 52 | 52 | 52 | 52 | 51 | 51 | 51 | 51 | 51 | | 54.7 |
| PLOT 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 58 | 63 | 53 | 53 | 57 | 54 | - | 52 | 53 | 47 | 52 | 45 | - | - | - | - | - | 55 | 51 | 43 | 41 | 47 | 49 | 55 | 47 | 46 | 48 | 54 | 56 | 45 | | 51.0 |
| | MIN | 36 | 49 | 49 | 48 | 51 | 45 | - | 48 | 42 | 42 | 41 | 37 | - | - | - | - | - | - | 37 | 36 | 35 | 35 | 35 | 38 | 39 | 35 | 40 | 40 | 45 | 37 | | 40.9 |
| 2 INCHES | MAX | 56 | 62 | 53 | 53 | 56 | 54 | - | 52 | 52 | 47 | 51 | 45 | - | - | - | - | - | 54 | 52 | 43 | 41 | 46 | 48 | 53 | 48 | 45 | 47 | 54 | 56 | 46 | | 50.6 |
| | MIN | 33 | 50 | 50 | 48 | 51 | 46 | - | 49 | 43 | 42 | 42 | 38 | - | - | - | - | - | - | 38 | 37 | 35 | 36 | 36 | 39 | 40 | 36 | 40 | 41 | 46 | 38 | | 41.5 |
| 4 INCHES | MAX | 53 | 58 | 53 | 54 | 55 | 53 | - | 51 | 51 | 49 | 51 | 46 | - | - | - | - | - | 52 | 52 | 43 | 41 | 44 | 46 | 50 | 48 | 44 | 46 | 51 | 54 | 48 | | 49.7 |
| | MIN | 42 | 50 | 51 | 50 | 53 | 48 | - | 50 | 46 | 42 | 45 | 40 | - | - | - | - | - | - | 42 | 39 | 38 | 38 | 38 | 41 | 42 | 39 | 42 | 42 | 48 | 42 | | 43.8 |
| 8 INCHES | MAX | 51 | 55 | 54 | 53 | 55 | 54 | - | 52 | 51 | 50 | 50 | 49 | - | - | - | - | - | 51 | 51 | 46 | 43 | 45 | 45 | 48 | 48 | 46 | 46 | 48 | 52 | 50 | | 49.7 |
| | MIN | 46 | 51 | 53 | 52 | 54 | 52 | - | 51 | 50 | 48 | 47 | 43 | - | - | - | - | - | - | 46 | 43 | 41 | 41 | 42 | 44 | 46 | 42 | 44 | 44 | 48 | 45 | | 46.7 |

MAX AND MIN TEMPERATURES ARE FOR THE 24 HOUR PERIOD ENDING AT MIDNIGHT.

PLOT #1 - SLOPE OF GROUND, FLAT. SOIL TYPE, LOAM. GROUND COVER, KENTUCKY BLUEGRASS. INSTRUMENTATION, COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

PLOT #2 - SLOPE OF GROUND, FLAT. SOIL TYPE, LOAM. GROUND COVER, BARREN. INSTRUMENTATION, BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# SNOWFALL AND SNOW ON GROUND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 28 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | | | | | | | | | | T | .5 | 2.0 | 1.0 | | | | | | | T | | T | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | 2 | 3 | 2 | T | | | | | | | | | | | | | | | | |
| CHARLOTTEBURG | SNOWFALL | | | | | | | | | | 1.0 | | 4.0 | 3.0 | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | 1 | | 4 | 6 | 3 | 2 | 2 | 1 | | | | | | | | | | | | | | |
| FLEMINGTON 1 NE | SNOWFALL | | | | | | | | | | T | | 2.0 | 2.0 | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | 2 | 2 | T | | | | | | | | | | | | | | | | | |
| LAMBERTVILLE | SNOWFALL | | | | | | | | | | T | | 2.0 | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | T | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | SNOWFALL | | | | | | | | | | | | 1.5 | 1.5 | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | 2 | 3 | 2 | T | | | | | | | | | | | | | | | | |
| LONG VALLEY | SNOWFALL | | | | | | | | | | | | 2.0 | 2.0 | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | - | - | - | | | | | | | | | | | | | | | | | |
| MORRIS PLAINS 1 W | SNOWFALL | | | | | | | | | | T | T | 3.0 | 1.0 | | | | | | | T | T | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | 3 | 3 | 2 | 2 | | | | | | | | | | | | | | | | |
| NEWARK WB AIRPORT | SNOWFALL | | | | | | | | | | T | T | .4 | T | | | | | | | T | | T | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | T | | | | | | | | | | | | | | | | | | | |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWTON | SNOWFALL | | | | | | | | | | T | 2.0 | 3.5 | 5.0 | | | | | | | | | T | | | | | | | | | |
| | SN ON GND | | | | | | | | | | T | T | 4 | 6 | 5 | 4 | T | T | | | | | | | | | | | | | | |
| PATERSON | SNOWFALL | | | | | | | | | | | T | T | .3 | | | | | | | | T | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PHILLIPSBURG | SNOWFALL | | | | | | | | | | | | 2.0 | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | |
| PLAINFIELD | SNOWFALL | | | | | | | | | | | | 2.0 | T | | | | | | | T | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAHWAY | SNOWFALL | | | | | | | | | | | T | | T | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | T | | T | | | | | | | | | | | | | | | | | | |
| SOMERVILLE | SNOWFALL | | | | | | | | | | | | .5 | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WANAQUE RAYMOND DAM | SNOWFALL | | | | | | | | | | | | 1.5 | 1.5 | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | 2 | 3 | 1 | T | | | | | | | | | | | | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | SNOWFALL | | | | | | | | | | | | T | T | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | SNOWFALL | | | | | | | | | | | | | T | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | SNOWFALL | | | | | | | | | | | | T | .1 | | | | | | | T | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INDIAN MILLS 2 W | SNOWFALL | | | | | | | | | | | | T | T | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | SNOWFALL | | | | | | | | | | | | T | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOORESTOWN | SNOWFALL | | | | | | | | | | | | T | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | SNOWFALL | | | | | | | | | | | T | T | T | | | | | | | | T | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | T | T | | | | | | | | | | | | | | | | | | |
| TRENTON WB CITY | SNOWFALL | | | | | | | | | | T | | .5 | | | | | | | | | | | | | T | | | | | | |
| | SN ON GND | | | | | | | | | | | | T | | | | | | | | | | | | | | | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2 N | SNOWFALL | | | | | | | | | | | | T | T | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

# EVAPORATION AND WIND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | EVAP | .07 | .04 | .00 | .00 | .00 | .11 | .02 | .01 | .01 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | - |
| | WIND | 17 | 14 | 8 | 11 | 18 | 36 | 37 | 40 | 13 | 29 | 21 | 77 | 80 | 52 | 18 | 13 | 27 | 13 | 40 | 68 | 37 | 53 | 46 | 15 | 48 | 20 | 29 | 15 | 46 | 67 | | 1008 |
| | MAX | 51 | 54 | 63 | 50 | 50 | 53 | 48 | 46 | 46 | 46 | 47 | 46 | 38 | 40 | 42 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | - |
| | MIN | 34 | 35 | 35 | 42 | 42 | 39 | 40 | 43 | 36 | 34 | 39 | 38 | 32 | 31 | 35 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | - |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | EVAP | .03 | .09 | .08 | - | .04 | .04 | - | - | .05 | - | .04 | - | .05 | .05 | .06 | .04 | .03 | - | .02 | .04 | .04 | .06 | .07 | .05 | - | .05 | .04 | .02 | .04 | .04 | | 1.408 |
| | WIND | 5 | 13 | 5 | 5 | 5 | 20 | 42 | 20 | 8 | 22 | 13 | 70 | 67 | 35 | 5 | 10 | 9 | 44 | 26 | 48 | 33 | 40 | 11 | 12 | 19 | 8 | 12 | 22 | 85 | 23 | | 737 |

See Reference Notes Following Station Index

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTPY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 | | 7A | | | WALTER J SCHANCK |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBEPT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BUPLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. + G. CO. |
| CANISTEAR PESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 58 | 10 | 5P | 5P | | C | N.WEST MAGNESITE CO. |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F DROPPE |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | UNION CO. PARK COMM. |
| ESSEX FELLS SFRV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JEPSEY CITY WATER DEPT. |
| LAMBEPTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A | | | CHARLES KOONS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 N | 4987 | 03 | MONMOUTH | 1 | 40 20 | 74 00 | 10 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MANVILLE | 5197 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | JOHN L. RADCLIFFE |
| | 5244 | | | | | | | | | | | |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 9A | 9A | | C H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | | 8A | 8A | 8A | C GH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEW MONMOUTH | 6154 | 02 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P | | | ST. MARYS SCHOOL |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 3P | 3P | | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 | | 7A | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MOPRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABPOOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMEPVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P | | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLAPD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNEPS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS· Unless otherwise indicated, dimensional units used in this bulletin are· Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7·00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL· Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES· Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING.

- - No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

  No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data
- * Amount included in following measurement, time distribution unknown.
- / Gage is equipped with a windshield.
- B Adjusted to a full month
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing, if average value is entered, less than 10 days record is missing See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING·

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above

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Subscription Price 20 cents per copy, monthly and annual, $2.50 per year (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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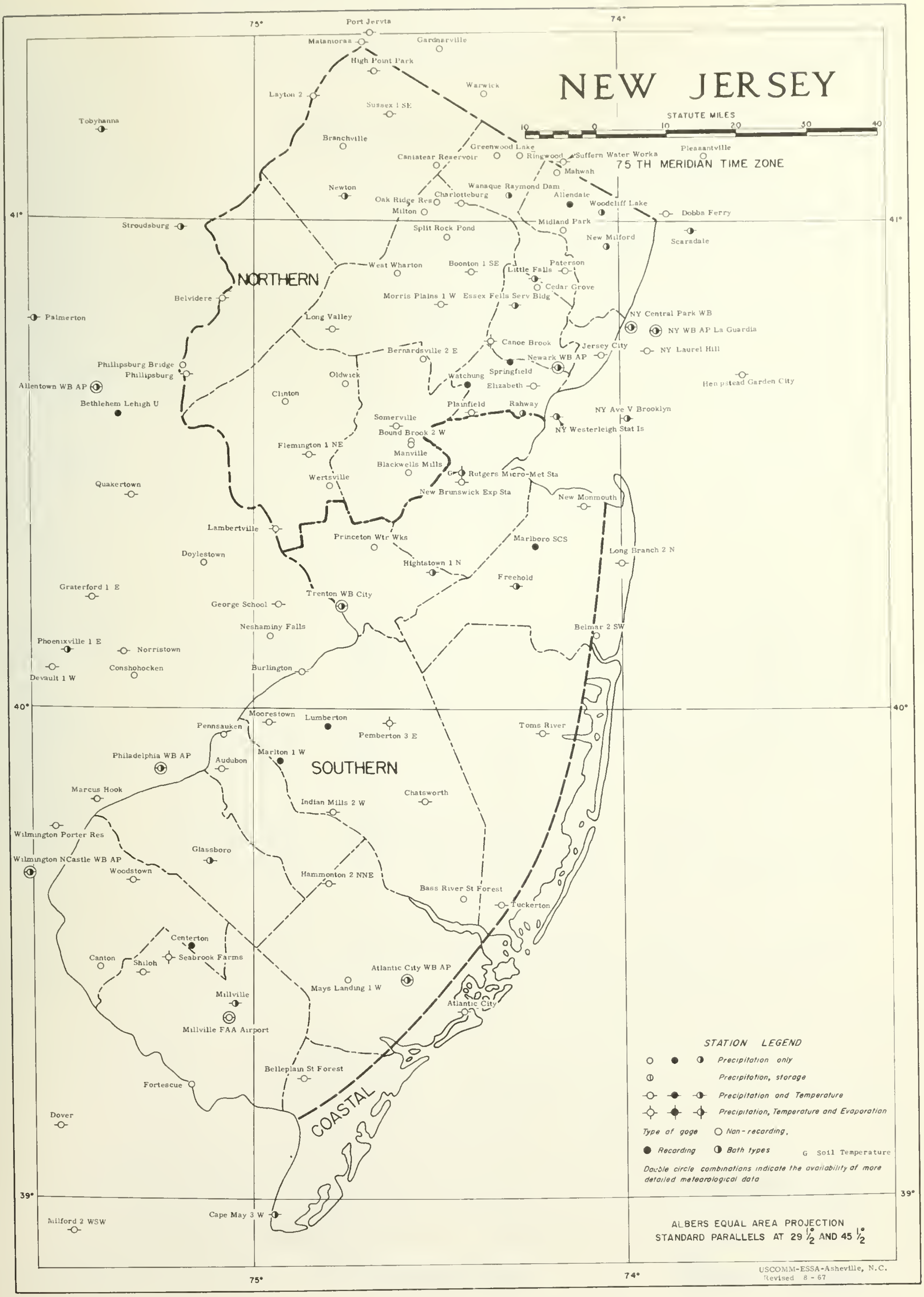

USCOMM-ESSA-Asheville, N.C.
Revised 8 - 67

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
DECEMBER 1968
Volume 73 No. 12

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## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| 8ELVIOERE | 36.8 | 19.0 | 27.9 | - 4.0 | 54 | 14 | 3 | 11 | 1142 | 0 | 9 | 30 | 0 | 3.40 | - .26 | .72 | 15 | 6.2 | 3 | 28 | 8 | 2 | 0 |
| 8OONTON 1 5E | 37.4 | 20.8 | 29.1 | - 2.4 | 57 | 3 | 4 | 11 | 1106 | 0 | 9 | 29 | 0 | 3.68 | .26 | 1.16 | 5 | 9.0 | 4 | 15 | 8 | 3 | 1 |
| CANOE 8ROOK | 39.0 | 20.8 | 29.9 | - 1.3 | 57 | 3 | 5 | 11 | 1082 | 0 | 7 | 29 | 0 | 4.80 | 1.15 | 1.41 | 5 | | 6 | 15 | 8 | 4 | 1 |
| CHARLOTTE8URG | 35.3 | 18.5 | 26.9 | - 3.9 | 58 | 3 | 2 | 12+ | 1177 | 0 | 11 | 28 | 0 | 3.79 | - .33 | 1.18 | 5 | 8.5 | 6 | 17+ | 7 | 4 | 1 |
| ELIZA8ETH | 42.8 | 24.1 | 33.5 | - 1.2 | 59 | 13 | 8 | 10 | 970 | 0 | 5 | 27 | 0 | 0 2.75 | - .85 | .77 | 23 | | | | 7 | 2 | 0 |
| ESSEX FELLS SERV 8LOG | 37.4 | 21.4 | 29.4 | | 57 | 14 | 6 | 11+ | 1095 | 0 | 8 | 28 | 0 | 4.09 | | 1.08 | 4 | 8.7 | 6 | 15 | 7 | 3 | 1 |
| FLEMINGTON 1 NE | 38.1 | 19.6 | 28.9 | - 4.4 | 59 | 14 | 4 | 11 | 1112 | 0 | 9 | 30 | 0 | 3.02 | - .40 | .67 | 5 | 6.0 | 3 | 17+ | 7 | 2 | 0 |
| HIGH POINT PARK | 31.2 | 12.3 | 21.8 | | 55 | 3 | - 5 | 26 | 1333 | 0 | 17 | 31 | 5 | 4.26 | | 2.10 | 21 | | 4 | 28 | 6 | 3 | 1 |
| JER5EY CITY | 39.3 | 26.8 | 33.1 | - 1.7 | 58 | 13 | 9 | 10 | 982 | 0 | 7 | 25 | 0 | 3.83 | .54 | 1.60 | 4 | | | | 8 | 3 | 1 |
| LAM8ERTVILLE | 40.8 | 24.2 | 32.5 | - 1.2 | 60 | 13 | 6 | 11 | 999 | 0 | 5 | 26 | 0 | 3.34 | - .04 | 1.17 | 4 | 6.0 | 4 | 16+ | 7 | 2 | 1 |
| LAYTON 2 | 34.7 | 15.9 | 25.3 | | 55 | 3 | - 3 | 11 | 1224 | 0 | 10 | 30 | 2 | 3.99 | | .85 | 15 | 3.1 | 2 | 31+ | 8 | 3 | 0 |
| LITTLE FALL5 | 39.3 | 22.4 | 30.9 | - 2.7 | 60 | 3 | 7 | 26+ | 1053 | 0 | 8 | 27 | 0 | 4.41 | .51 | 1.15 | 5 | 4.8 | 3 | 20+ | 8 | 4 | 2 |
| LONG VALLEY | 35.9 | 16.1 | 26.0 | | 55 | 14 | - 1 | 11 | 1203 | 0 | 10 | 31 | 1 | 4.33 | .54 | .82 | 5 | 10.0 | | | 9 | 4 | 0 |
| MORRI5 PLAINS 1 W | 36.5 | 19.3 | 27.9 | | 57 | 14+ | 4 | 12+ | 1144 | 0 | 8 | 28 | 0 | 4.37 | | 1.36 | 5 | 8.5 | 3 | 28+ | 8 | 4 | 1 |
| NEWARK W8 AIRPORT R | 39.9 | 25.0 | 32.5 | - 2.2 | 58 | 13+ | 8 | 10 | 1003 | 0 | 6 | 27 | 0 | 4.32 | 1.10 | 1.90 | 4 | 4.7 | 3 | 16 | 10 | 2 | 1 |
| NEWTON | 34.9 | 17.5 | 26.2 | - 3.5 | 52 | 14 | 1 | 11 | 1197 | 0 | 11 | 31 | 0 | 2.39 | - .81 | .68 | 15 | 8.0 | | | 7 | 2 | 0 |
| PATER5ON | 40.1 | 24.3 | 32.2 | - 1.9 | 60 | 3 | 7 | 10 | 1010 | 0 | 7 | 27 | 0 | 5.16 | 1.33 | 1.45 | 5 | 7.2 | | | 8 | 4 | 2 |
| PHILLIPS8URG | 41.6 | 23.7 | 32.7 | .0 | 57 | 14+ | 5 | 11 | 994 | 0 | 4 | 27 | 0 | 3.61 | - .03 | .94 | 4 | 1.0 | 1 | 27 | 7 | 3 | 0 |
| PLAINFIELO | 39.2 | 24.5 | 31.9 | - 2.1 | 57 | 13 | 9 | 11+ | 1021 | 0 | 7 | 25 | 0 | 4.49 | .90 | 1.90 | 4 | 9.5 | 7 | 15 | 9 | 3 | 1 |
| SOMERVILLE | 40.2 | 23.1 | 31.7 | - 1.4 | 59 | 13 | 6 | 11 | 1027 | 0 | 7 | 26 | 0 | 3.83 | .50 | 1.70 | 4 | 6.0 | 3 | 16+ | 7 | 3 | 1 |
| 5US5EX 1 5E | 34.3M | 14.1 | 24.2M | - 6.0 | 53 | 3 | - 1 | 11 | 1257 | 0 | 11 | 30 | 2 | 3.18 | - .18 | .82 | 5 | 10.5 | | | 8 | 2 | 0 |
| OIVISION | | | 29.3 | - 3.1 | | | | | | | | | | 3.86 | .30 | | | 6.9 | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| 5OUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC C1TY W8 AP | 41.7 | 21.2 | 31.5 | - 5.1 | 61 | 13 | 0 | 10 | 1031 | 0 | 6 | 26 | 1 | 3.89 | .67 | 1.50 | 4 | 4.3 | 4 | 16 | 7 | 2 | 1 |
| AUOU8ON | 42.2 | 26.2 | 34.2 | | 62 | 13 | 12 | 10 | 947 | 0 | 4 | 25 | 0 | 2.25 | | .80 | 4 | 3.5 | 3 | 16+ | 7 | 1 | 0 |
| 8ELLEPLAIN ST FOREST | 44.3 | 25.6M | 35.0M | | 59 | 4 | 4 | 11 | 934 | 0 | 3 | 23 | 0 | 3.64 | - .01 | 1.43 | 4 | 6.0 | 6 | 15 | 6 | 3 | 1 |
| 8URLINGTON | 43.3M | 27.8M | 35.6M | - .4 | 60 | 28+ | 10 | 10 | 907 | 0 | | 21 | 0 | 1.99 | - 1.07 | .99 | 4 | 3.3 | T | 27 | | 1 | 0 |
| CHATSWORTH | 43.4 | 22.8M | 33.1M | | 61 | 13 | 5 | 9 | 980 | 0 | 4 | 26 | 0 | 2.95 | | 1.16 | 4 | | | | 5 | 3 | 1 |
| FREEHOLO | 39.5 | 23.0 | 31.3 | - 3.4 | 60 | 14 | 8 | 11+ | 1038 | 0 | 7 | 26 | 0 | 3.60 | .15 | .95 | 15 | 7.0 | 7 | 16 | 7 | 4 | 0 |
| GLA5S8ORO | 42.0 | 23.5 | 32.8 | | 59 | 14 | 8 | 10 | 992 | 0 | 4 | 26 | 0 | 2.06 | | .60 | 15 | 6.0 | 6 | 15 | 5 | 1 | 0 |
| HAMMONTON 2 NNE | | | | | | | | | | | | | | | | | | | | | | | |
| HIGHT5TOWN 1 N | 40.8 | 25.0 | 32.9 | - 1.4 | 59 | 13 | 9 | 11+ | 987 | 0 | 7 | 24 | 0 | 3.31 | .28 | 1.27 | 4 | 9.7 | 7 | 16+ | 5 | 3 | 1 |
| INOIAN MILL5 2 W | 41.9 | 23.1 | 32.5 | - 2.3 | 59 | 28 | 3 | 11 | 999 | 0 | 4 | 26 | 0 | 2.98 | - .25 | 1.03 | 4 | 5.0 | 5 | 15 | 6 | 3 | 1 |
| MILLVILLE | 43.4M | 23.8M | 33.6M | | 58 | 14+ | 6 | 11 | 967 | 0 | 5 | 24 | 0 | 2.49 | | .55 | 23+ | 6.5 | | | 6 | 3 | 0 |
| MILLVILLE FAA AIRPORT | 41.9 | 25.5 | 33.7 | | 58 | 4 | 8 | 10 | 962 | 0 | 5 | 25 | 0 | 2.95 | | .98 | 4 | 4.0 | 3 | 16+ | 8 | 1 | 0 |
| MOORE5TOWN | 39.1 | 23.6 | 31.4 | - 3.4 | 58 | 28 | 8 | 11 | 1034 | 0 | 9 | 28 | 0 | 2.49 | - .42 | .83 | 5 | 5.5 | | | | | 0 |
| NEW 8RUNSWICK | 38.9 | 24.0 | 31.5 | | 59 | 14 | 9 | 11+ | 1033 | 0 | 7 | 25 | 0 | 3.66 | | .96 | 5 | 8.8 | 7 | 15 | 7 | 4 | 0 |
| NEW MONMOUTH | | | | | | | | | | | | | | | | | | | | | | | |
| PEM8ERTON 3 E | 42.2 | 24.5 | 33.4 | - 2.2 | 60 | 13 | 8 | 11 | 971 | 0 | 6 | 26 | 0 | 3.09 | .01 | 1.07 | 4 | 8.5 | 8 | 16+ | 6 | 3 | 1 |
| 5EA8ROOK FARM5 | 41.4 | 24.8 | 33.1 | | 58 | 29+ | 12 | 11+ | 981 | 0 | 6 | 25 | 0 | 2.52 | | .64 | 5 | | | | 7 | 2 | 0 |
| 5HILOH | 42.2 | 26.3 | 34.3 | - 1.8 | 58 | 13 | 10 | 11 | 946 | 0 | 5 | 25 | 0 | | | .88 | 4 | | | | | | 0 |
| TOM5 RIVER | 42.7 | 24.1 | 33.4 | | 62 | 14 | 10 | 26+ | 971 | 0 | 6 | 25 | 0 | 2.50 | | .65 | 15+ | 2.0 | 0 | | 4 | 3 | 0 |
| TRENTON W8 C1TY R | 40.3 | 27.1 | 33.7 | - 1.5 | 59 | 28+ | 12 | 10 | 965 | 0 | 8 | 24 | 0 | 3.07 | .20 | 1.16 | 4 | 4.8 | 4 | 16 | 8 | 1 | 1 |
| TUCKERTON | 42.9 | 25.3 | 34.1 | | 58 | 2 | 8 | 26+ | 949 | 0 | 4 | 25 | 0 | 3.92 | | 1.54 | 4 | 5.4 | 5 | 15 | 7 | 3 | 1 |
| WOOO5TOWN | 42.3M | 24.5M | 33.4M | | 60 | 13 | 10 | 16+ | 973 | 0 | 5 | 26 | 0 | 2.39 | | .75 | 4 | 2.2 | 2 | 16+ | 6 | 1 | 0 |
| OIVISION | | | 33.2 | - 2.1 | | | | | | | | | | 2.93 | - .33 | | | 5.4 | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| COA5TAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANT1C CITY R | 42.1 | 29.0 | 35.6 | - 2.7 | 57 | 4+ | 15 | 10 | 903 | 0 | 4 | 21 | 0 | 3.85 | .37 | 1.36 | 4 | | | | 8 | 2 | 1 |
| CAPE MAY 1 NW | 42.2 | 27.6M | 34.9M | | 56 | 5 | 9 | 16 | 936 | 0 | 6 | | 0 | 2.79 | | .86 | 15 | 6.0 | 6 | 15 | 6 | 3 | 0 |
| LONG 8RANCH 2 N | 41.5 | 26.5 | 34.0 | - 1.3 | 63 | 13 | 10 | 10 | 951 | 0 | 5 | 22 | 0 | 3.77 | .14 | 1.56 | 4 | 7.5 | 7 | 15 | 6 | 3 | 1 |
| OIVISION | | | 34.8 | - 2.2 | | | | | | | | | | 3.47 | .13 | | | 6.8 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHE5T TEMPERATURE<br>LONG 8RANCH 2 N | 63 | OATE | 13 |
| LOWE5T TEMPERATURE<br>HIGH POINT PARK | - 5 | OATE | 26 |
| GREATE5T TOTAL PRECIPITATION<br>MILTON | 5.22 | | |
| LEA5T TOTAL PREC1PITATION<br>CANTON | 1.42 | | |
| GREATE5T 1 OAY PRECIPITATION<br>MIOLANO PARK | 2.68 | OATE | 04 |
| GREATE5T TOTAL 5NOWFALL<br>5U55EX 1 SE | 10.5 | | |
| GREATE5T OEPTH OF SNOW<br>GREENWOOO LAKE | 9 | OATE | 16 |

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 96

THE LIBRARY OF THE
FEB 17 1969
UNIVERSITY OF ILLINOIS

# DAILY PRECIPITATION

NEW JERSEY
DECEMBER 1968

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 3.40 | | .35 | | .42 | .42 | T | | | | | | | | .20 | .72 | T | | | | T | T | | .50 | | T | | T | .37 | .40 | | .02 |
| BERNARDSVILLE 2 E | 4.60 | | .40 | | .71 | 1.40 | | | | | | | | | .16 | .61 | | | | | | | | .78 | | | | | .24 | .30 | | |
| BLACKWELLS MILLS | 3.77 | | .33 | | .57 | 1.16 | | | | | | | | | .19 | .75 | .09 | | | | .05 | | | .45 | | | | | .12 | .06 | | |
| BOONTON 1 SE | 3.68 | | .28 | | .63 | 1.16 | T | | | T | | | | | .12 | .47 | T | | | | T | T | | .63 | | T | | T | .21 | .18 | | |
| BOUND BROOK 2 W | 3.42 | | .27 | | .70 | .86 | | | | | | | | | .14 | .38 | | | | | | .30 | | .60 | | | | T | | .17 | | |
| BRANCHVILLE | 3.33 | | .21 | T | .32 | .54 | .03 | | T | T | | | | | .27 | .65 | T | | | | .03 | .03 | | .62 | T | | | | .13 | .50 | | |
| CANISTEAR RESERVOIR | 3.45 | | .24 | | .44 | .67 | .06 | | | | | | | | .15 | .81 | .04 | | | | T | .02 | | .58 | | | | | .14 | .30 | | |
| CANOE BROOK | 4.80 | | .37 | | .91 | 1.41 | | | T | | | | | | .14 | .78 | | | | | | | | .75 | T | | | T | .18 | .26 | | |
| CHARLOTTEBURG | 3.79 | | .28 | | .67 | 1.18 | T | | | | | | | | .08 | .52 | .02 | | | | T | | | .63 | | | | | .21 | .20 | | |
| CLINTON | 3.34 | | .37 | | 1.22 | .27 | T | | | | | | | | T | .73 | | | | | | | | .60 | | | | T | .15 | T | | |
| ELIZABETH | D 2.75 | | .32 | | .72 | | | | | | | | | | .35 | .24 | | | | | | | | .77 | | | | 0 .15 | .20 | | | |
| ESSEX FELLS SERV BLDG | 4.09 | | .35 | | 1.08 | .98 | .03 | | | | | | | | .47 | .28 | | | | | | | | .66 | | | | .05 | .16 | .03 | | |
| FLEMINGTON 1 NE | 3.02 | | .32 | | .48 | .67 | | | | | | | | | .16 | .49 | T | | | | .07 | | | .63 | | | | T | .15 | .05 | | |
| GREENWOOD LAKE | 4.49 | | .23 | | .42 | 1.22 | .06 | | | | | | | | .11 | 1.10 | .22 | | | | .02 | .06 | | .62 | .02 | .05 | | | .13 | .23 | | |
| HIGH POINT PARK | 4.26 | | | | .85 | .56 | T | | | | | | | | .20 | | T | | | | | 2.10 | | .25 | | | | | .30 | T | | |
| JERSEY CITY | 3.83 | .04 | .23 | | 1.60 | T | | | | | | | | | .55 | .40 | | | | | | | .06 | .55 | | | | .11 | .15 | | | .14 |
| LAMBERTVILLE | 3.34 | T | .34 | | 1.17 | .03 | | | T | | | | | | .63 | .25 | | | | .01 | .02 | | .09 | .47 | | | | .16 | .11 | .06 | | |
| LAYTON 2 | 3.99 | | .19 | | .67 | .59 | .07 | | | T | | | | | .42 | .85 | T | T | | | .03 | .08 | | .49 | T | T | | T | .15 | .45 | T | |
| LITTLE FALLS | 4.41 | | .30 | | 1.09 | 1.15 | T | | | | | | | | .14 | .69 | | | | | T | | | .62 | | T | | T | .17 | .25 | | |
| LONG VALLEY | 4.33 | | .30 | | .76 | .82 | | | | | | | | | .11 | .73 | .32 | | | | | | | .69 | | | | | .30 | .30 | | |
| MAHWAH | 4.20 | | .26 | | .52 | 1.42 | .08 | | | | | | | | .14 | .79 | .02 | | | | T | T | | .60 | | T | | | .15 | .22 | | |
| MANVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MIDLAND PARK | 5.05 | .07 | .16 | | 2.68 | .07 | | | | | | | | | .64 | .28 | | | | .01 | | | .24 | .30 | | | | .10 | | .34 | | .16 |
| MILTON | 5.22 | | .30 | | .56 | .75 | .08 | | | | | | | | .23 | .90 | .15 | | | | | .07 | | .65 | | | | | 1.17 | .36 | | |
| MORRIS PLAINS 1 W | 4.37 | | .32 | | .71 | 1.36 | .01 | | | T | | | | | .13 | .61 | .02 | T | | T | | .01 | | .73 | T | | | T | .25 | .22 | | |
| NEWARK WB AIRPORT R | 4.32 | .12 | .27 | T | 1.90 | .04 | | | T | | | | | | .50 | .24 | T | | | .01 | T | | .43 | .42 | T | | | .15 | .11 | | | .13 |
| NEW MILFORD | 3.61 | .04 | .19 | | 1.76 | .02 | | | | | | | | | .59 | .19 | | | | | | | .17 | .30 | | | | .04 | .24 | | | .07 |
| NEWTON | 2.39 | | .17 | | .17 | | .05 | | | T | | | | | .20 | .68 | .03 | | | | .02 | .03 | | .54 | | T | | T | .17 | .33 | | |
| OAK RIDGE RESERVOIR | 4.20 | | .25 | | .56 | .78 | .05 | | | | | | | | .24 | 1.05 | .16 | | | | T | .03 | | .57 | | | | T | .14 | .37 | | |
| PATERSON | 5.16 | | .21 | | 1.16 | 1.45 | .02 | | | | | | | | .18 | .86 | .01 | | | | .03 | T | T | .56 | | | | | .26 | .42 | | |
| PHILLIPSBURG | 3.61 | | .32 | | .94 | | | | | | | | | | .78 | | | | | | .03 | | | .57 | .08 | | | .23 | .21 | .45 | | |
| PHILLIPSBURG BRIDGE | 3.53 | | * | | V1.35 | | | .01 | .01 | | | | | | * | * | | | | | * | | | * | * | | | * | * | V2.16 | | |
| PLAINFIELD | 4.49 | T | .32 | | 1.90 | T | | | | | | | | | .42 | .61 | | | | .07 | T | | .21 | .50 | | | | .16 | .19 | | | .11 |
| POTTERSVILLE 2 NNW | 4.20 | | .30 | | .67 | .84 | .04 | | | | | | | | .12 | .67 | .09 | | | | .02 | | | .90 | .02 | | | | .28 | .25 | | |
| RAHWAY | 3.73 | .09 | .21 | .02 | 1.73 | T | | | | | | | | | .37 | .14 | | | | .06 | | | .40 | .32 | | | | .15 | .11 | | | .13 |
| RINGWOOD | 3.22 | | .22 | | .62 | 1.00 | | | | | | | | | .16 | .89 | .02 | | | | T | T | | | | | | | .06 | .25 | | |
| SOMERVILLE | 3.83 | | .32 | | 1.70 | .02 | | | | | | | | | .60 | .20 | | | | .07 | T | | | .63 | | | | .15 | .14 | | | |
| SPLIT ROCK POND | 4.01 | | .30 | | .80 | .93 | .05 | | | | | | | | .13 | .67 | .05 | | | | | .01 | | .60 | | | | | .21 | .26 | | |
| SUSSEX 1 SE | 3.18 | | .16 | | .28 | .82 | .01 | | | | | | | | .19 | .62 | .08 | | | | .05 | .01 | | .35 | | | | | .16 | .45 | | |
| WANAQUE RAYMOND DAM | 3.33 | | .28 | | .50 | 1.08 | .04 | | | | | | | | .09 | .42 | | | | | T | T | | .52 | | T | | | .09 | .31 | | |
| WERTSVILLE | 3.83 | T | .31 | T | 1.20 | .44 | T | | | | | | | | .15 | .87 | T | | | | | T | | .57 | | | | T | .16 | .13 | | |
| WEST WHARTON | 3.74 | | .28 | | .57 | .98 | .04 | | | T | | | | | .13 | .60 | .02 | | | T | T | T | | .72 | T | T | | | .22 | .18 | | |
| WOODCLIFF LAKE | 4.24 | .09 | .18 | | 2.07 | .13 | | | | | | | | | .59 | .32 | | | | | | | .17 | .35 | | | | .08 | .19 | | | .07 |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 3.89 | .01 | .21 | .01 | 1.50 | T | | T | T | | | | | | .50 | .43 | | | | .06 | .01 | | .34 | .27 | | | | T | .08 | | | .47 |
| AUDUBON | 2.25 | T | .25 | | .80 | T | | | | | | | | | .39 | .10 | | | | T | T | | .27 | .29 | | | | T | T | | | .15 |
| BASS RIVER ST FOREST | 4.13 | | .29 | | .47 | 1.00 | T | | | | | | | | * | 1.27 | | | | | | | | .64 | | | | | .46 | | | |
| BELLEPLAIN ST FOREST | 3.64 | | .23 | | 1.43 | T | | | | | | | | | .27 | .96 | | | | | | | T | .63 | | | | | .02 | | | .10 |
| BURLINGTON | 1.99 | | .29 | | .99 | .03 | | | | | | | | | * | .33 | | | | .02 | | | .20 | | | | | T | .13 | | | |
| CANTON | 1.42 | | .28 | | | T | | | | | | | | | .07 | .67 | | | | | .10 | | | .23 | | | | T | | .07 | | |
| CHATSWORTH | 2.95 | | | | 1.16 | .05 | | | | | | | | | .33 | .62 | | | | | | | | .62 | | | | | .12 | | | .05 |
| FORTESCUE | 1.90 | | .27 | | .32 | .46 | | | | | | | | | | .25 | | | | | | | .60 | | | | | | | | | |
| FREEHOLD | 3.60 | | .29 | | .67 | .81 | | | | | | | | | | .95 | .18 | | | | | | | .52 | | | | | .10 | .08 | | |
| GLASSBORO | 2.06 | T | .16 | .42 | T | | | | | | | | | | .30 | .60 | | T | T | | | | T | .48 | | | | T | .02 | .08 | | |
| HAMMONTON 2 NNE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| HIGHTSTOWN 1 N | 3.31 | | .30 | | 1.27 | .01 | | | T | | | | | | .34 | .65 | | | | T | .01 | | | .55 | T | | | .09 | .07 | .02 | | T |
| INDIAN MILLS 2 W | 2.98 | T | .30 | | 1.03 | .01 | | | | | | | | | .33 | .63 | | | | T | .03 | | T | .52 | T | | | T | .13 | T | | T |
| MAYS LANDING 1 W | 4.25 | | .32 | | .98 | .87 | .03 | | | | | | | | | 1.30 | .05 | | | | .06 | T | | .64 | | | | | T | T | | |
| MILLVILLE | 2.49 | | .31 | .03 | .52 | .55 | .04 | | | | | | | | T | .35 | | | | | .03 | | | .55 | | | | | T | .11 | | |
| MILLVILLE FAA AIRPORT | 2.95 | .04 | .24 | T | .98 | T | | | | | | | | | .32 | .27 | | | | .09 | T | | .36 | .17 | | | | T | .15 | | | .33 |
| MOORESTOWN | 2.49 | | | | .40 | .83 | T | | | | | | | | * | .65 | | | | | | .05 | | .50 | | | | T | .02 | .04 | T | |
| NEW BRUNSWICK | 3.66 | | .35 | | .76 | .96 | .02 | | | T | | | | | .06 | .52 | .03 | | | | | .03 | | .65 | | | | T | .14 | .14 | | |
| NEW MONMOUTH | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PEMBERTON 3 E | 3.09 | | .33 | | 1.07 | T | | | | | | | | | .33 | .69 | | | | | .03 | | .01 | .51 | | | | .02 | .10 | | | |
| PRINCETON WATER WORKS | 3.26 | .06 | .16 | .01 | 1.41 | | | | | | | | | | .46 | .34 | | | | | | | .34 | .18 | | | | .11 | .11 | | | .08 |
| SEABROOK FARMS | 2.52 | | .28 | .01 | .30 | .64 | .02 | | | | | | | | .01 | | .51 | | | | T | | | .48 | | | | | .13 | .14 | | |
| SHILOH | - | T | .28 | | .88 | .01 | - | | | | | | | | .30 | .33 | | | | | .11 | | .03 | .36 | | | | T | .13 | | | .05 |
| TOMS RIVER | 2.50 | | .38 | | .65 | | | | | | | | | | | .65 | | | | | .09 | | | .60 | | | | | .06 | .07 | | |
| TRENTON WB CITY R | 3.07 | .08 | .19 | .02 | 1.16 | .01 | | | T | | | | | | .34 | .38 | | | | .01 | T | | .28 | .30 | | | | .09 | .10 | T | | .11 |
| TUCKERTON | 3.92 | T | .33 | T | 1.54 | .02 | | | T | | | | | | .32 | .55 | | | | .03 | .06 | | .09 | .54 | T | T | | T | .12 | T | | .32 |
| WOODSTOWN | 2.39 | | .31 | .03 | .75 | .02 | | | | | | | | | .40 | .35 | | | | T | .02 | T | .04 | .36 | | | | .01 | .10 | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 3.85 | | .33 | | 1.36 | | | | | | | | | | .45 | .25 | | | | .10 | | | .34 | .23 | | | | | .07 | | | .72 |
| BELMAR 2 SW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CAPE MAY 1 NW | 2.79 | | .18 | | .44 | .56 | | | | | | | | | | .86 | | | | | .15 | | | .60 | T | | | | T | | | |
| LONG BRANCH 2 N | 3.77 | | .28 | | 1.56 | .01 | | | T | | | | | | .27 | .78 | | | | T | .01 | | | .64 | | | | .04 | .12 | T | | .06 |

## SPECIAL WEATHER SUMMARY

Precipitation during December was near or slightly below normal for all three climatic divisions of the State. The months of March, May, June, and November experienced above normal precipitation. The other months were below normal during 1968, with the result that 1968 precipitation was below the long-term normal for the seventh consecutive year in all three divisions. For Northern New Jersey this was the eighth year in a row with less than normal precipitation. A condition of mild meteorological drought exists throughout New Jersey at the end of 1968.

Donald V. Dunlap
Meteorologist in Charge
Weather Bureau Office for State
Climatology
Department of Meteorology
College of Agriculture and
Environmental Science
Rutgers - The State University
New Brunswick, New Jersey 08903

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 38 | 40 | 45 | 52 | 50 | 40 | 38 | 39 | 34 | 26 | 24 | 29 | 39 | 54 | 43 | 21 | 31 | 38 | 40 | 38 | 39 | 42 | 40 | 42 | 30 | 20 | 25 | 24 | 46 | 36 | 38 | 36.8 |
| | MIN | 18 | 32 | 28 | 31 | 33 | 25 | 15 | 23 | 16 | 6 | 3 | 11 | 16 | 26 | 14 | 13 | 17 | 18 | 24 | 27 | 30 | 26 | 29 | 24 | 11 | 8 | 9 | 15 | 20 | 13 | 9 | 19.0 |
| BOONTON 1 SE | MAX | 39 | 45 | 57 | 53 | 51 | 41 | 37 | 38 | 34 | 24 | 22 | 32 | 39 | 55 | 45 | 24 | 30 | 38 | 37 | 36 | 41 | 38 | 40 | 45 | 32 | 17 | 21 | 29 | 48 | 36 | 34 | 37.4 |
| | MIN | 19 | 23 | 32 | 34 | 38 | 29 | 26 | 27 | 18 | 7 | 4 | 6 | 15 | 21 | 22 | 14 | 15 | 20 | 24 | 28 | 31 | 25 | 27 | 27 | 13 | 8 | 9 | 19 | 26 | 21 | 18 | 20.8 |
| CANOE BROOK | MAX | 39 | 43 | 57 | 54 | 53 | 43 | 39 | 41 | 40 | 27 | 24 | 34 | 40 | 56 | 44 | 23 | 27 | 40 | 39 | 44 | 43 | 40 | 37 | 46 | 33 | 20 | 27 | 27 | 53 | 38 | 37 | 39.0 |
| | MIN | 30 | 34 | 30 | 30 | 37 | 28 | 25 | 26 | 18 | 7 | 5 | 12 | 18 | 20 | 21 | 13 | 13 | 17 | 21 | 27 | 29 | 20 | 25 | 26 | 13 | 6 | 10 | 20 | 26 | 20 | 18 | 20.8 |
| CHARLOTTEBURG | MAX | 36 | 41 | 58 | 53 | 51 | 38 | 34 | 36 | 31 | 21 | 20 | 31 | 40 | 54 | 45 | 21 | 26 | 34 | 36 | 34 | 41 | 35 | 34 | 43 | 29 | 15 | 18 | 25 | 48 | 34 | 31 | 35.3 |
| | MIN | 18 | 19 | 36 | 35 | 35 | 26 | 24 | 23 | 15 | 4 | 2 | 2 | 15 | 23 | 19 | 12 | 12 | 21 | 20 | 26 | 25 | 23 | 26 | 23 | 10 | 5 | 5 | 11 | 24 | 19 | 14 | 18.5 |
| ELIZABETH | MAX | 47 | 57 | 56 | 58 | 55 | 52 | 47 | 42 | 33 | 26 | 34 | 41 | 59 | 55 | 45 | 27 | 39 | 36 | 41 | 44 | 44 | 38 | 46 | 39 | 27 | 24 | 27 | 51 | 56 | 37 | 43 | 42.8 |
| | MIN | 27 | 40 | 32 | 45 | 34 | 28 | 25 | 27 | 18 | 8 | 11 | 18 | 22 | 40 | 18 | 14 | 16 | 17 | 25 | 29 | 32 | 26 | 26 | 26 | 15 | 10 | 19 | 25 | 32 | 21 | 22 | 24.1 |
| ESSEX FELLS SERV BLDG | MAX | 38 | 46 | 46 | 51 | 51 | 42 | 37 | 38 | 33 | 24 | 23 | 35 | 43 | 57 | 42 | 22 | 30 | 38 | 38 | 39 | 41 | 37 | 41 | 45 | 32 | 17 | 21 | 27 | 54 | 36 | 35 | 37.4 |
| | MIN | 20 | 23 | 31 | 41 | 36 | 27 | 22 | 23 | 17 | 6 | 6 | 16 | 23 | 40 | 21 | 13 | 15 | 18 | 22 | 28 | 32 | 23 | 27 | 25 | 12 | 8 | 12 | 12 | 27 | 18 | 19 | 21.4 |
| FLEMINGTON 1 NE | MAX | 42 | 42 | 48 | 53 | 52 | 44 | 37 | 37 | 35 | 26 | 24 | 32 | 41 | 59 | 45 | 25 | 30 | 38 | 38 | 39 | 39 | 43 | 38 | 44 | 32 | 20 | 25 | 32 | 50 | 37 | 35 | 38.1 |
| | MIN | 18 | 20 | 31 | 31 | 36 | 27 | 19 | 25 | 20 | 8 | 4 | 7 | 11 | 16 | 24 | 15 | 16 | 17 | 21 | 28 | 31 | 27 | 28 | 17 | 12 | 9 | 12 | 20 | 28 | 20 | 16 | 19.6 |
| HIGH POINT PARK | MAX | 33 | 35 | 55 | 50 | 44 | 39 | 31 | 35 | 29 | 18 | 11 | 30 | 31 | 48 | 38 | 30 | 25 | 38 | 35 | 34 | 33 | 28 | 26 | 28 | 35 | 16 | 16 | 18 | 28 | 28 | 22 | 31.2 |
| | MIN | 14 | 20 | 22 | 32 | 26 | 16 | 12 | 15 | 5 | 2 | 4 | 5 | 18 | 28 | 20 | 5 | 5 | 20 | 17 | 19 | 23 | 16 | 19 | 14 | 0 | - 5 | - 1 | 8 | 5 | - 2 | 0 | 12.3 |
| JERSEY CITY | MAX | 42 | 57 | 50 | 56 | 45 | 38 | 40 | 35 | 30 | 23 | 34 | 39 | 58 | 49 | 36 | 27 | 38 | 37 | 39 | 44 | 39 | 36 | 46 | 32 | 24 | 23 | 27 | 52 | 48 | 35 | 40 | 39.3 |
| | MIN | 28 | 42 | 43 | 45 | 33 | 31 | 29 | 26 | 15 | 9 | 13 | 27 | 34 | 36 | 18 | 17 | 27 | 26 | 30 | 32 | 31 | 31 | 31 | 24 | 12 | 10 | 21 | 27 | 28 | 25 | 30 | 26.8 |
| LAMBERTVILLE | MAX | 41 | 47 | 52 | 57 | 49 | 39 | 40 | 35 | 30 | 22 | 35 | 43 | 60 | 53 | 39 | 33 | 39 | 37 | 42 | 44 | 41 | 36 | 47 | 36 | 27 | 26 | 27 | 55 | 55 | 37 | 41 | 40.8 |
| | MIN | 21 | 38 | 30 | 43 | 35 | 29 | 21 | 26 | 20 | 11 | 6 | 13 | 19 | 38 | 18 | 17 | 24 | 18 | 30 | 29 | 34 | 24 | 32 | 27 | 16 | 12 | 21 | 24 | 31 | 22 | 20 | 24.2 |
| LAYTON 2 | MAX | 38 | 40 | 55 | 53 | 46 | 38 | 35 | 38 | 34 | 23 | 20 | 27 | 37 | 50 | 41 | 19 | 28 | 36 | 39 | 33 | 36 | 37 | 33 | 44 | 30 | 17 | 19 | 22 | 40 | 35 | 32 | 34.7 |
| | MIN | 16 | 17 | 27 | 27 | 35 | 25 | 17 | 18 | 15 | 5 | - 3 | - 2 | 9 | 15 | 18 | 13 | 13 | 13 | 15 | 25 | 26 | 22 | 27 | 23 | 10 | 1 | 2 | 14 | 22 | 15 | 13 | 15.9 |
| LITTLE FALLS | MAX | 40 | 48 | 60 | 54 | 53 | 44 | 38 | 39 | 38 | 27 | 24 | 32 | 42 | 58 | 46 | 22 | 31 | 38 | 39 | 38 | 44 | 41 | 40 | 47 | 34 | 18 | 23 | 30 | 56 | 38 | 35 | 39.3 |
| | MIN | 22 | 33 | 33 | 38 | 37 | 29 | 27 | 28 | 18 | 7 | 8 | 13 | 22 | 29 | 16 | 14 | 17 | 24 | 24 | 27 | 32 | 25 | 23 | 26 | 12 | 7 | 10 | 20 | 28 | 23 | 21 | 22.4 |
| LONG VALLEY | MAX | 38 | 41 | 51 | 52 | 51 | 39 | 31 | 37 | 33 | 25 | 21 | 29 | 38 | 55 | 44 | 18 | 26 | 38 | 37 | 37 | 39 | 39 | 38 | 44 | 30 | 16 | 20 | 30 | 49 | 35 | 33 | 35.9 |
| | MIN | 15 | 21 | 29 | 28 | 31 | 22 | 17 | 21 | 13 | 3 | - 1 | 3 | 8 | 20 | 13 | 9 | 8 | 14 | 20 | 27 | 26 | 20 | 24 | 21 | 7 | 4 | 6 | 16 | 26 | 13 | 15 | 16.1 |
| MORRIS PLAINS 1 W | MAX | 38 | 42 | 57 | 53 | 51 | 41 | 37 | 38 | 33 | 24 | 22 | 32 | 39 | 57 | 46 | 20 | 28 | 37 | 37 | 36 | 40 | 39 | 36 | 42 | 36 | 14 | 20 | 25 | 42 | 35 | 35 | 36.5 |
| | MIN | 18 | 19 | 33 | 33 | 36 | 28 | 22 | 21 | 17 | 6 | 4 | 4 | 15 | 17 | 19 | 14 | 14 | 19 | 20 | 27 | 28 | 25 | 28 | 25 | 11 | 6 | 9 | 18 | 24 | 20 | 17 | 19.3 |
| NEWARK WB AIRPORT | MAX | 46 | 57 | 55 | 58 | 46 | 38 | 39 | 37 | 27 | 24 | 33 | 39 | 58 | 49 | 33 | 28 | 38 | 36 | 39 | 44 | 41 | 37 | 47 | 33 | 21 | 22 | 27 | 56 | 47 | 38 | 43 | 39.9 |
| | MIN | 28 | 44 | 37 | 45 | 34 | 30 | 28 | 26 | 13 | 8 | 12 | 21 | 26 | 32 | 17 | 14 | 22 | 21 | 32 | 31 | 31 | 28 | 29 | 21 | 11 | 10 | 19 | 25 | 28 | 25 | 26 | 25.0 |
| NEWTON | MAX | 37 | 41 | 48 | 51 | 48 | 39 | 35 | 35 | 31 | 22 | 20 | 28 | 39 | 52 | 46 | 19 | 28 | 36 | 37 | 36 | 38 | 37 | 40 | 44 | 29 | 15 | 19 | 20 | 45 | 34 | 32 | 34.9 |
| | MIN | 16 | 17 | 28 | 29 | 30 | 26 | 25 | 25 | 15 | 5 | 1 | 3 | 13 | 18 | 18 | 13 | 14 | 21 | 20 | 27 | 22 | 20 | 26 | 24 | 10 | 6 | 7 | 12 | 18 | 19 | 14 | 17.5 |
| PATERSON | MAX | 40 | 46 | 60 | 55 | 55 | 44 | 38 | 40 | 36 | 27 | 26 | 36 | 42 | 57 | 49 | 25 | 30 | 38 | 40 | 38 | 45 | 42 | 43 | 49 | 34 | 20 | 23 | 32 | 51 | 39 | 42 | 40.1 |
| | MIN | 27 | 32 | 40 | 41 | 39 | 29 | 26 | 28 | 18 | 7 | 9 | 15 | 26 | 32 | 22 | 16 | 15 | 25 | 28 | 32 | 35 | 32 | 32 | 16 | 14 | 10 | 10 | 20 | 28 | 24 | 25 | 24.3 |
| PHILLIPSBURG | MAX | 42 | 48 | 55 | 55 | 52 | 40 | 40 | 38 | 38 | 27 | 30 | 42 | 57 | 57 | 40 | 34 | 40 | 40 | 40 | 41 | 42 | 40 | 45 | 43 | 29 | 34 | 25 | 38 | 49 | 47 | 41 | 41.6 |
| | MIN | 21 | 36 | 31 | 42 | 31 | 27 | 24 | 25 | 17 | 9 | 5 | 13 | 19 | 40 | 19 | 14 | 25 | 23 | 30 | 31 | 35 | 30 | 30 | 25 | 11 | 12 | 18 | 18 | 32 | 22 | 20 | 23.7 |
| PLAINFIELD | MAX | 41 | 52 | 52 | 54 | 44 | 38 | 38 | 35 | 28 | 23 | 32 | 39 | 57 | 47 | 42 | 28 | 38 | 36 | 40 | 43 | 41 | 36 | 45 | 33 | 27 | 22 | 25 | 54 | 48 | 36 | 41 | 39.2 |
| | MIN | 26 | 39 | 31 | 44 | 38 | 28 | 26 | 28 | 20 | 9 | 9 | 17 | 21 | 42 | 19 | 15 | 17 | 17 | 24 | 29 | 33 | 24 | 32 | 27 | 15 | 10 | 19 | 23 | 36 | 22 | 21 | 24.5 |
| SOMERVILLE | MAX | 43 | 51 | 53 | 54 | 50 | 38 | 38 | 35 | 29 | 24 | 32 | 40 | 59 | 51 | 40 | 30 | 38 | 39 | 40 | 43 | 41 | 36 | 46 | 35 | 26 | 24 | 26 | 54 | 54 | 35 | 41 | 40.2 |
| | MIN | 21 | 38 | 29 | 45 | 33 | 27 | 25 | 24 | 19 | 9 | 6 | 14 | 19 | 40 | 18 | 15 | 18 | 19 | 28 | 29 | 33 | 23 | 32 | 26 | 8 | 10 | 19 | 23 | 30 | 19 | 18 | 23.1 |
| SUSSEX 1 SE | MAX | 37 | 39 | 53 | 52 | 47 | 38 | 35 | 37 | 32 | 22 | 22 | 27 | 38 | 51 | 42 | 22 | 27 | | 37 | 27 | 37 | 37 | 36 | 39 | 29 | 15 | 20 | 18 | 45 | 35 | 33 | 34.3 |
| | MIN | 14 | 14 | 26 | 26 | 33 | 23 | 18 | 21 | 13 | 2 | - 1 | 0 | 10 | 16 | 16 | 10 | 10 | 14 | 12 | 19 | 20 | 17 | 21 | 20 | 7 | 3 | 3 | 7 | 15 | 15 | 12 | 14.1 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 48 | 52 | 51 | 57 | 45 | 35 | 34 | 32 | 25 | 24 | 36 | 44 | 61 | 56 | 34 | 31 | 36 | 37 | 47 | 50 | 44 | 44 | 53 | 34 | 25 | 25 | 43 | 57 | 52 | 37 | 43 | 41.7 |
| | MIN | 17 | 40 | 34 | 40 | 29 | 17 | 10 | 18 | 6 | 0 | 5 | 15 | 31 | 34 | 13 | 8 | 21 | 16 | 28 | 30 | 27 | 24 | 29 | 21 | 6 | 12 | 24 | 40 | 25 | 18 | 19 | 21.2 |
| AUDUBON | MAX | 43 | 49 | 53 | 59 | 46 | 40 | 41 | 37 | 31 | 27 | 37 | 45 | 62 | 51 | 37 | 34 | 39 | 39 | 47 | 51 | 44 | 38 | 45 | 34 | 25 | 28 | 33 | 60 | 50 | 38 | 44 | 42.2 |
| | MIN | 25 | 41 | 37 | 45 | 35 | 29 | 24 | 28 | 18 | 12 | 13 | 17 | 24 | 36 | 18 | 18 | 24 | 20 | 33 | 32 | 32 | 28 | 31 | 24 | 18 | 16 | 24 | 32 | 29 | 25 | 25 | 26.2 |
| BELLEPLAIN ST FOREST | MAX | 47 | 55 | 54 | 59 | 53 | 42 | 41 | 37 | 35 | 29 | 36 | 44 | 58 | 55 | 42 | 34 | 39 | 40 | 53 | 47 | 42 | 41 | 51 | 42 | 30 | 27 | 45 | 58 | 56 | 39 | 42 | 44.3 |
| | MIN | 24 | 42 | 37 | 45 | 36 | 30 | 19 | 25 | 21 | 10 | 4 | 14 | | 41 | 22 | 24 | 21 | 10 | 28 | 30 | 32 | 25 | 33 | 27 | 18 | 15 | 23 | 34 | 39 | 19 | 20 | 25.6 |
| BURLINGTON | MAX | 51 | 52 | 52 | 59 | 52 | 38 | 38 | 34 | 39 | 26 | | 44 | 60 | 60 | 40 | 36 | 38 | 40 | 44 | 48 | 42 | 38 | 45 | 37 | 29 | 26 | 32 | 60 | 58 | 38 | 44 | 43.3 |
| | MIN | 29 | 40 | 38 | 46 | 33 | 30 | 34 | 32 | 22 | 10 | | 12 | 35 | 40 | 16 | 16 | 29 | 21 | 33 | 38 | 34 | 30 | 31 | 26 | 17 | 14 | 23 | 28 | 27 | 24 | 25 | 27.8 |
| CHATSWORTH | MAX | 46 | 54 | 54 | 59 | 54 | 41 | 40 | 37 | 34 | 25 | 37 | 47 | 61 | 55 | 43 | 32 | 38 | 39 | 47 | 50 | 44 | 39 | 50 | 42 | 30 | 23 | 34 | 57 | 55 | 37 | 41 | 43.4 |
| | MIN | 23 | 39 | 34 | 43 | 39 | | 12 | 18 | 5 | 9 | 6 | 15 | 27 | 41 | 19 | 13 | 18 | 8 | 30 | 31 | 30 | 25 | 32 | 24 | 15 | 6 | 22 | 30 | 32 | 21 | 18 | 22.8 |
| FREEHOLD | MAX | 39 | 50 | 55 | 52 | 58 | 45 | 37 | 38 | 35 | 27 | 23 | 35 | 44 | 60 | 48 | 24 | 28 | 36 | 35 | 42 | 41 | 40 | 48 | 43 | 32 | 21 | 24 | 34 | 56 | 38 | 35 | 39.5 |
| | MIN | 26 | 30 | 34 | 38 | 36 | 30 | 22 | 24 | 19 | 8 | 8 | 14 | 24 | 36 | 23 | 12 | 13 | 17 | 24 | 27 | 32 | 24 | 30 | 26 | 15 | 10 | 14 | 20 | 34 | 22 | 22 | 23.0 |
| GLASSBORO | MAX | 50 | 49 | 48 | 58 | 47 | 42 | 40 | 39 | 36 | 31 | 29 | 35 | 42 | 59 | 49 | 34 | 34 | 39 | 48 | 40 | 52 | 43 | 47 | 44 | 33 | 24 | 27 | 45 | 58 | 42 | 38 | 42.0 |
| | MIN | 24 | 44 | 33 | 34 | 30 | 31 | 19 | 20 | 20 | 8 | 9 | 11 | 17 | 38 | 23 | 16 | 17 | 18 | 24 | 32 | 27 | 25 | 29 | 26 | 17 | 14 | 16 | 26 | 37 | 20 | 23 | 23.5 |
| HAMMONTON 2 NNE | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | MAX | 42 | 52 | 51 | 58 | 54 | 38 | 38 | 35 | 30 | 24 | 32 | 42 | 59 | 52 | 40 | 29 | 36 | 36 | 42 | 45 | 41 | 38 | 46 | 37 | 27 | 23 | 27 | 57 | 57 | 35 | 43 | 40.8 |
| | MIN | 23 | 38 | 34 | 44 | 36 | 30 | 24 | 26 | 20 | 9 | 9 | 18 | 25 | 40 | 17 | 15 | 23 | 19 | 28 | 29 | 35 | 25 | 35 | 27 | 16 | 12 | 20 | 26 | 31 | 21 | 21 | 25.0 |
| INDIAN MILLS 2 W | MAX | 43 | 50 | 53 | 58 | 50 | 39 | 37 | 35 | 30 | 25 | 35 | 44 | 58 | 53 | 39 | 33 | 37 | 38 | 47 | 51 | 42 | 37 | 49 | 37 | 27 | 25 | 35 | 59 | 56 | 35 | 42 | 41.9 |
| | MIN | 18 | 37 | 32 | 43 | 35 | 28 | 14 | 25 | 20 | 9 | 3 | 10 | 25 | 38 | 18 | 14 | 19 | 9 | 27 | 29 | 33 | 23 | 31 | 27 | 17 | 11 | 22 | 30 | 31 | 21 | 17 | 23.1 |
| MILLVILLE | MAX | 44 | 51 | 49 | 58 | 58 | 48 | 41 | 41 | 37 | 32 | 26 | 36 | 44 | 58 | 51 | 28 | 36 | 39 | 39 | 52 | 48 | 43 | 50 | 44 | | 33 | 28 | 52 | 57 | 40 | 38 | 43.4 |
| | MIN | 25 | 33 | 37 | 40 | 36 | 16 | 18 | 26 | 23 | 12 | 6 | 11 | 22 | 42 | 26 | 16 | 20 | 13 | 23 | 31 | 33 | 25 | 32 | 19 | | 9 | 19 | 27 | 33 | 21 | 21 | 23.8 |
| MILLVILLE FAA AIRPORT | MAX | 48 | 51 | 54 | 58 | 48 | 39 | 39 | 37 | 32 | 24 | 35 | 40 | 57 | 52 | 33 | 34 | 37 | 40 | 49 | 46 | 41 | 42 | 49 | 32 | 24 | 25 | 42 | 56 | 55 | 36 | 44 | 41.9 |
| | MIN | 29 | 42 | 38 | 44 | 37 | 25 | 21 | 27 | 18 | 8 | 10 | 13 | 31 | 33 | 18 | 17 | 25 | 11 | 30 | 32 | 32 | 29 | 31 | 24 | 17 | 17 | 24 | 37 | 29 | 21 | 22 | 25.5 |
| MOORESTOWN | MAX | 39 | 48 | 50 | 55 | 44 | 36 | 36 | 33 | 26 | 24 | 31 | 44 | 57 | 55 | 30 | 32 | 35 | 37 | 43 | 48 | 42 | 35 | 44 | 32 | 23 | 24 | 29 | 58 | 45 | 35 | 42 | 39.1 |
| | MIN | 22 | 39 | 35 | 42 | 32 | 27 | 24 | 24 | 14 | 10 | 8 | 13 | 19 | 30 | 18 | 16 | 25 | 20 | 31 | 28 | 27 | 26 | 29 | 21 | 15 | 14 | 22 | 29 | 27 | 22 | 24 | 23.6 |
| NEW BRUNSWICK | MAX | 41 | 46 | 52 | 53 | 58 | 44 | 37 | 37 | 35 | 27 | 23 | 33 | 40 | 59 | 48 | 22 | 29 | 37 | 35 | 39 | 43 | 41 | 45 | 45 | 33 | 20 | 24 | 32 | 57 | 36 | 34 | 38.9 |
| | MIN | 26 | 38 | 38 | 39 | 37 | 29 | 26 | 25 | 20 | 9 | 9 | 12 | 21 | 28 | 20 | 15 | 19 | 22 | 25 | 34 | 34 | 27 | 32 | 27 | 14 | 11 | 12 | 20 | 31 | 21 | 22 | 24.0 |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW MONMOUTH | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | MAX | 45 | 50 | 53 | 59 | 52 | 40 | 40 | 38 | 30 | 27 | 34 | 46 | 60 | 54 | 39 | 32 | 37 | 39 | 43 | 48 | 48 | 38 | 47 | 37 | 26 | 26 | 30 | 57 | 54 | 37 | 43 | 42.2 |
| | MIN | 22 | 39 | 35 | 45 | 37 | 29 | 20 | 25 | 20 | 10 | 8 | 15 | 28 | 39 | 18 | 14 | 21 | 14 | 30 | 28 | 29 | 26 | 32 | 26 | 17 | 9 | 22 | 29 | 31 | 22 | 20 | 24.5 |
| SEABROOK FARMS | MAX | 43 | 51 | 47 | 57 | 58 | 48 | 40 | 38 | 36 | 31 | 25 | 34 | 41 | 58 | 47 | 29 | 32 | 37 | 38 | 51 | 46 | 41 | 49 | 43 | 33 | 24 | 26 | 48 | 58 | 39 | 35 | 41.4 |
| | MIN | 27 | 31 | 37 | 38 | 37 | 28 | 22 | 24 | 22 | 12 | 12 | 15 | 18 | 39 | 29 | 17 | 19 | 13 | 15 | 32 | 32 | 28 | 33 | 27 | 18 | 17 | 18 | 26 | 37 | 23 | 24 | 24.8 |
| SHILOH | MAX | 43 | 50 | 53 | 57 | 49 | 40 | 40 | 31 | 30 | 30 | 36 | 42 | 58 | 55 | 39 | 34 | 38 | 39 | 48 | 45 | 42 | 40 | 46 | 38 | 28 | 27 | 42 | 56 | 54 | 36 | 42 | 42.2 |
| | MIN | 27 | 41 | 35 | 44 | 34 | 30 | 25 | 23 | 25 | 11 | 10 | 16 | 30 | 39 | 22 | 17 | 23 | 16 | 29 | 32 | 32 | 28 | 32 | 26 | 18 | 16 | 22 | 31 | 33 | 22 | 25 | 26.3 |
| TOMS RIVER | MAX | 40 | 54 | 54 | 57 | 59 | 49 | 40 | 38 | 35 | 29 | 24 | 49 | 46 | 62 | 55 | 25 | 30 | 37 | 40 | 44 | 52 | 41 | 50 | 45 | 34 | 23 | 26 | 52 | 57 | 40 | 36 | 42.7 |
| | MIN | 27 | 35 | 34 | 40 | 38 | 30 | 20 | 27 | 21 | 10 | 11 | 16 | 19 | 40 | 25 | 13 | 19 | 15 | 25 | 30 | 32 | 25 | 28 | 20 | 16 | 10 | 15 | 25 | 38 | 23 | 20 | 24.1 |
| TRENTON WB CITY | MAX | 42 | 53 | 53 | 59 | 45 | 38 | 39 | 34 | 28 | 24 | 33 | 43 | 59 | 55 | 31 | 31 | 38 | 39 | 42 | 48 | 42 | 37 | 44 | 32 | 24 | 24 | 30 | 59 | 46 | 35 | 43 | 40.3 |
| | MIN | 30 | 40 | 40 | 44 | 33 | 30 | 27 | 27 | 16 | 12 | 13 | 24 | 31 | 31 | 17 | 17 | 26 | 25 | 36 | 35 | 34 | 32 | 31 | 24 | 16 | 14 | 23 | 30 | 30 | 25 | 27 | 27.1 |
| TUCKERTON | MAX | 46 | 59 | 56 | 57 | 50 | 40 | 40 | 39 | 31 | 26 | 37 | 43 | 54 | 53 | 46 | 33 | 38 | 40 | 47 | 49 | 43 | 39 | 49 | 38 | 28 | 27 | 39 | 53 | 52 | 38 | 40 | 42.9 |
| | MIN | 28 | 45 | 38 | 45 | 35 | 28 | 17 | 26 | 22 | 9 | 8 | 16 | 29 | 46 | 18 | 10 | 22 | 18 | 28 | 31 | 32 | 27 | 34 | 27 | 14 | 8 | 23 | 32 | 31 | 20 | 18 | 25.3 |
| WOODSTOWN | MAX | 42 | 47 | 54 | 58 | 52 | 40 | 39 | 37 | 32 | 28 | 32 | 42 | 60 | 54 | 39 | 34 | 39 | 38 | 48 | 48 | 41 | 39 | 45 | 38 | 29 | 26 | 37 | 59 | 56 | 36 | | 42.3 |
| | MIN | 27 | 41 | 34 | 45 | 34 | 25 | 19 | 25 | 21 | 11 | 10 | 14 | 28 | 39 | 21 | 10 | 16 | 12 | 30 | 30 | 28 | 26 | 30 | 27 | 16 | 15 | 23 | 29 | 26 | 22 | | 24.5 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 51 | 57 | 55 | 57 | 48 | 39 | 40 | 35 | 31 | 25 | 35 | 42 | 51 | 51 | 35 | 33 | 37 | 37 | 49 | 48 | 42 | 44 | 50 | 34 | 25 | 26 | 44 | 53 | 50 | 38 | 43 | 42.1 |
| | MIN | 37 | 44 | 42 | 45 | 35 | 31 | 28 | 26 | 18 | 15 | 16 | 25 | 40 | 35 | 19 | 18 | 26 | 24 | 34 | 35 | 32 | 30 | 32 | 25 | 18 | 18 | 25 | 43 | 29 | 25 | 30 | 29.0 |
| CAPE MAY 1 NW | MAX | 43 | 53 | 52 | 55 | 56 | 50 | 41 | 40 | 37 | 32 | 25 | 32 | 42 | 52 | 50 | 30 | 32 | 37 | 38 | 48 | 50 | 42 | 50 | 45 | 33 | 26 | 33 | 50 | 54 | 41 | 39 | 42.2 |
| | MIN | 33 | 36 | 40 | 40 | | | 32 | 31 | 27 | 15 | 13 | 18 | 25 | 42 | 30 | 9 | 16 | 26 | 28 | 34 | 35 | 30 | 31 | 29 | 22 | 17 | 20 | 31 | 37 | 27 | 26 | 27.6 |
| LONG BRANCH 2 N | MAX | 43 | 56 | 54 | 57 | 52 | 38 | 39 | 35 | 31 | 24 | 33 | 42 | 63 | 51 | 41 | 27 | 37 | 37 | 44 | 49 | 40 | 38 | 49 | 37 | 27 | 25 | 33 | 54 | 54 | 36 | 41 | 41.5 |
| | MIN | 34 | 43 | 39 | 46 | 37 | 31 | 27 | 28 | 21 | 10 | 11 | 21 | 28 | 40 | 17 | 12 | 23 | 19 | 29 | 30 | 34 | 25 | 36 | 27 | 15 | 11 | 20 | 33 | 30 | 23 | 22 | 26.5 |

# DAILY SOIL TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK PLOT 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 INCH | MAX | 45 | 51 | 49 | 52 | 47 | 37 | 37 | 37 | 34 | 33 | 34 | 34 | 35 | 37 | 35 | 36 | 36 | 36 | 37 | 38 | 40 | 38 | 42 | 35 | 33 | 32 | 34 | 34 | 34 | 34 | 34 | 37.7 |
| | MIN | 38 | 44 | 42 | 47 | 36 | 35 | 34 | 34 | 32 | 29 | 30 | 31 | 32 | 34 | 34 | 35 | 35 | 35 | 36 | 35 | 35 | 34 | 35 | 33 | 30 | 29 | 31 | 33 | 33 | 32 | 32 | 34.4 |
| 2 INCHES | MAX | 45 | 49 | 48 | 51 | 48 | 39 | 38 | 37 | 36 | 34 | 34 | 34 | 34 | 35 | 36 | 36 | 37 | 37 | 37 | 38 | 39 | 38 | 41 | 37 | 34 | 33 | 34 | 34 | 34 | 34 | 34 | 37.9 |
| | MIN | 40 | 44 | 43 | 47 | 39 | 37 | 36 | 36 | 34 | 33 | 33 | 33 | 33 | 34 | 34 | 36 | 36 | 36 | 37 | 36 | 36 | 35 | 37 | 34 | 33 | 32 | 32 | 33 | 33 | 33 | 33 | 35.7 |
| 4 INCHES | MAX | 45 | 49 | 48 | 51 | 49 | 41 | 38 | 38 | 37 | 36 | 34 | 35 | 35 | 35 | 36 | 37 | 37 | 37 | 38 | 38 | 39 | 38 | 41 | 38 | 35 | 35 | 35 | 34 | 34 | 34 | 34 | 38.4 |
| | MIN | 41 | 44 | 44 | 47 | 41 | 38 | 37 | 37 | 35 | 34 | 34 | 34 | 34 | 34 | 35 | 36 | 36 | 37 | 37 | 37 | 37 | 36 | 37 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 36.6 |
| 8 INCHES | MAX | 47 | 48 | 47 | 50 | 50 | 45 | 41 | 40 | 40 | 39 | 38 | 37 | 37 | 37 | 37 | 38 | 38 | 38 | 39 | 39 | 39 | 39 | 40 | 40 | 37 | 37 | 37 | 36 | 36 | 36 | 36 | 39.9 |
| | MIN | 45 | 45 | 46 | 47 | 45 | 41 | 40 | 40 | 39 | 38 | 37 | 37 | 37 | 37 | 37 | 37 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 37 | 37 | 36 | 36 | 36 | 35 | 35 | 35 | 38.7 |
| 20 INCHES | MAX | 50 | 49 | 49 | 49 | 50 | 49 | 47 | 46 | 45 | 44 | 44 | 43 | 43 | 42 | 41 | 41 | 41 | 41 | 42 | 42 | 41 | 41 | 42 | 41 | 41 | 41 | 41 | 40 | 39 | 39 | 39 | 43.3 |
| | MIN | 48 | 48 | 49 | 49 | 49 | 47 | 46 | 45 | 44 | 43 | 42 | 42 | 42 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 40 | 40 | 40 | 40 | 39 | 39 | 39 | 38 | 42.5 |
| 40 INCHES | MAX | 52 | 51 | 51 | 51 | 51 | 51 | 51 | 50 | 50 | 49 | 49 | 48 | 48 | 47 | 47 | 46 | 45 | 45 | 45 | 50 | 45 | 45 | 45 | 45 | 44 | 44 | 45 | 44 | 43 | 43 | 43 | 47.2 |
| | MIN | 51 | 51 | 51 | 51 | 51 | 51 | 50 | 50 | 49 | 48 | 48 | 47 | 47 | 46 | 46 | 45 | 45 | 45 | 45 | 45 | 45 | 44 | 44 | 44 | 44 | 44 | 44 | 43 | 43 | 43 | 42 | 46.5 |
| PLOT 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 42 | 54 | 51 | 52 | 47 | 36 | 35 | 35 | 34 | 32 | 33 | 33 | 34 | 37 | 34 | 34 | 34 | 35 | 35 | 36 | 35 | 35 | 35 | 34 | 34 | 34 | 35 | 34 | 34 | 34 | 34 | 36.8 |
| | MIN | 35 | 42 | 38 | 46 | 36 | 35 | 34 | 34 | 29 | 25 | 25 | 28 | 30 | 34 | 34 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 33.8 |
| 2 INCHES | MAX | 43 | 52 | 50 | 51 | 48 | 37 | 35 | 35 | 34 | 32 | 33 | 33 | 33 | 36 | 34 | 34 | 34 | 35 | 35 | 36 | 35 | 35 | 35 | 37 | 34 | 34 | 35 | 34 | 34 | 34 | 34 | 36.8 |
| | MIN | 36 | 42 | 39 | 46 | 37 | 35 | 34 | 34 | 31 | 27 | 26 | 29 | 30 | 33 | 34 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34.0 |
| 4 INCHES | MAX | 43 | 50 | 47 | 50 | 49 | 40 | 37 | 37 | 36 | 35 | 34 | 34 | 33 | 34 | 34 | 34 | 35 | 35 | 36 | 37 | 36 | 36 | 36 | 37 | 35 | 35 | 36 | 35 | 35 | 35 | 35 | 37.5 |
| | MIN | 39 | 42 | 41 | 46 | 40 | 37 | 36 | 36 | 35 | 33 | 32 | 32 | 32 | 33 | 34 | 34 | 34 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 34 | 34 | 34 | 35.6 |
| 8 INCHES | MAX | 44 | 47 | 47 | 49 | 49 | 44 | 40 | 40 | 39 | 38 | 37 | 36 | 36 | 36 | 36 | 36 | 37 | 37 | 37 | 37 | 37 | 37 | 38 | 37 | 37 | 37 | 37 | 36 | 36 | 36 | 36 | 38.9 |
| | MIN | 43 | 44 | 44 | 46 | 44 | 40 | 39 | 39 | 38 | 36 | 36 | 35 | 35 | 35 | 35 | 35 | 36 | 36 | 37 | 37 | 37 | 37 | 36 | 37 | 37 | 36 | 36 | 36 | 36 | 35 | 35 | 37.7 |

MAX ANO MIN TEMPERATURES ARE FOR THE 24 HOUR PERIOO ENOING AT MIONIGHT.

PLOT #1 – SLOPE OF GROUNO: FLAT. SOIL TYPE: LOAM. GROUNO COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTEO TO A BROWN ELECTRONIK POTENTIOMETER.

PLOT #2 – SLOPE OF GROUNO: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECOROING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# SUPPLEMENTAL DATA

| Station | Wind (Speed - m.p.h.) | | | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | EASTERN STANOARO TIME 1 AM | 7 AM | 1 PM | 7 PM | Trace | .01–.09 | .10–.49 | .50–.99 | 1.00–1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 28 | 8.6 | 13.7 | 37++ | 28 | 05 | 64 | 71 | 50 | 63 | 4 | 5 | 5 | 1 | 1 | 0 | 16 | 49 | 6.5 |
| ATLANTIC CITY ST. MARINA | – | – | – | 48 | W | 05 | – | – | – | – | 0 | 1 | 6 | 1 | 1 | 0 | 9 | – | – |
| NEWARK WB AIRPORT | 27 | 7.9 | 12.9 | 33++ | 30 | 25 | 73 | 76 | 61 | 68 | 5 | 2 | 8 | 1 | 1 | 0 | 17 | – | 5.8 |
| TRENTON WB CITY | – | – | – | 34 | NW | 24 | – | – | – | – | 3 | 5 | 7 | 0 | 1 | 0 | 16 | 56 | 6.0 |

# SNOWFALL AND SNOW ON GROUND

NEW JERSEY
DECEMBER 1968

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | | | | | | T | | | | | | | | | 2.0 | T | | | | | | | .8 | | T | | T | 3.0 | .3 | | .1 |
| | SN ON GND | | | | | | | | | | | | | | | 2 | 2 | 1 | 1 | 1 | T | T | | T | | | | | 3 | 2 | 1 | 1 |
| CHARLOTTEBURG | SNOWFALL | | | | | | | | | | | | | | | 6.0 | .5 | | | | | | | 1.0 | | | | | 1.0 | | | |
| | SN ON GND | | | | | | | | | | | | | | | 6 | 6 | 6 | 5 | 3 | 2 | 1 | 1 | 2 | 1 | 1 | T | T | 1 | T | T | T |
| FLEMINGTON 1 NE | SNOWFALL | | | | | | | | | | | | | | | 2.5 | | | | | | | | 1.5 | | | | T | 2.0 | | | |
| | SN ON GND | | | | | | | | | | | | | | | 3 | 3 | 3 | 1 | T | | | | 1 | T | T | T | T | 1 | | | |
| LAMBERTVILLE | SNOWFALL | | | | | T | | | T | | | | | | | 4.0 | | | | | | | | T | | | | 2.0 | | | | |
| | SN ON GND | | | | | | | | | | | | | | | 4 | 4 | 2 | 1 | T | T | T | T | | | | | 2 | T | | | |
| LITTLE FALLS | SNOWFALL | | | | | | | | | | | | | | | 3.3 | | | | | | | | .3 | | T | | T | 1.2 | T | | |
| | SN ON GND | | | | | | | | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 1 | 1 | 1 | T | | T | 1 | T | | |
| LONG VALLEY | SNOWFALL | | | | | | | | | | | | | | | 3.0 | 2.0 | | | | | | | 2.0 | | | | | 3.0 | | | |
| | SN ON GND | | | | | | | | | | | | | | | - | - | - | - | | | | | - | | | | | - | | | |
| MORRIS PLAINS 1 W | SNOWFALL | | | | | | T | | | T | | | | | | 3.0 | .5 | | | | | T | | 2.0 | T | | | T | 3.0 | | | |
| | SN ON GND | | | | | | | | | | | | | | | 3 | 3 | 2 | 2 | 1 | 1 | T | | | T | | | | 3 | 1 | | |
| NEWARK WB AIRPORT | SNOWFALL | | | | | T | | | T | | | | | | T | 2.5 | T | | | | | | .6 | | T | | | 1.6 | | | | |
| | SN ON GND | | | | | | | | | | | | | | | 2 | 3 | 2 | 1 | T | T | | | | | | | | 2 | | | |
| | WTR EQUIV | | | | | | | | | | | | | | | .2 | .2 | .2 | | | | | | | | | | | .2 | | | |
| NEWTON | SNOWFALL | | | | | | 1.0 | | | T | | | | | | 4.0 | T | | | | | T | | 2.0 | | T | | T | 1.0 | | | |
| | SN ON GND | | | | | | T | | | | | | | | | - | - | - | - | - | - | | | T | T | T | T | T | 1 | T | T | |
| PATERSON | SNOWFALL | | | | | | T | | | | | | | | | 5.6 | T | | | | | | | .5 | | | | | 1.1 | T | | |
| | SN ON GND | | | | | | | | | | | | | | | - | - | - | | | | | | - | | | | | 1 | | | |
| PHILLIPSBURG | SNOWFALL | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.0 | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | T | | | |
| PLAINFIELD | SNOWFALL | | | | | T | | | | | | | | | | 6.5 | | | | | | | 1.0 | | | | | 2.0 | | | | |
| | SN ON GND | | | | | | | | | | | | | | | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 1 | | | | | 2 | | | | |
| RAHWAY | SNOWFALL | | | | | T | | | | | | | | | 2.0 | .6 | | | | | | | | | | | | 1.4 | | | | |
| | SN ON GND | | | | | T | | | | | | | | | 2 | 3 | 2 | 1 | 1 | 1 | T | | | | | | | 1 | T | | | |
| SOMERVILLE | SNOWFALL | | | | | T | | | | | | | | | | 2.5 | | | | | | | | 2.0 | | | | 1.5 | | | | |
| | SN ON GND | | | | | | | | | | | | | | | 3 | 3 | 2 | 1 | T | | | | | | | | 2 | | | | |
| WANAQUE RAYMOND DAM | SNOWFALL | | | | | | | | | | | | | | | | | | | | | T | | | | T | | | 1.0 | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | T | T | | | T | | | 1 | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | SNOWFALL | | | | | T | | T | T | | | | | | | 4.3 | | | | | | | T | | | | | T | | | | |
| | SN ON GND | | | | | | | | | | | | | | | 3 | 4 | 3 | 2 | 1 | T | | | | | | | | | | | |
| | WTR EQUIV | | | | | | | | | | | | | | | .3 | .4 | .3 | .2 | | | | | | | | | | | | | |
| BASS RIVER ST FOREST | SNOWFALL | | | | | | | | | | | | | | | - | | | | | | | | - | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | - | - | - | | | | | | | | | | | | | | |
| FREEHOLD | SNOWFALL | | | | | T | | | | | | | | | | 5.0 | 2.0 | | | | | | | T | | | | | T | | | |
| | SN ON GND | | | | | | | | | | | | | | | 5 | 7 | | | | | | | | | | | | T | | | |
| HIGHTSTOWN 1 N | SNOWFALL | | | | | .2 | | | T | | | | | | | 7.5 | | | | | | | | 1.0 | T | | | 1.0 | | T | | |
| | SN ON GND | | | | | | | | | | | | | | | 7 | 7 | 6 | 4 | 2 | T | T | T | T | T | T | T | 1 | | | | |
| INDIAN MILLS 2 W | SNOWFALL | | | | | | | | | | | | | | | 5.0 | | | | | | | T | | T | | | T | | | | |
| | SN ON GND | | | | | | | | | | | | | | | 5 | 4 | 3 | 2 | 1 | T | T | T | | | | | | | | | |
| MAYS LANDING 1 W | SNOWFALL | | | | | | | | | | | | | | | 3.8 | .5 | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | 4 | 4 | 3 | 1 | 1 | T | | | | | | | | | | | |
| MILLVILLE | SNOWFALL | | | | | | | | | | | | | | | 6.5 | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | - | - | - | | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | SNOWFALL | | | | | T | | | | | | | | | | 4.0 | | | | | | | T | | | | | T | | | | |
| | SN ON GND | | | | | | | | | | | | | | | 3 | 3 | 2 | 1 | 1 | | | | | | | | | | | | |
| MOORESTOWN | SNOWFALL | | | | | T | | | | | | | | | * | 5.5 | | | | | | | | T | | | | T | | T | | |
| | SN ON GND | | | | | | | | | | | | | | - | - | - | - | 2 | 1 | T | | | | | | | | | | | |
| NEW BRUNSWICK | SNOWFALL | | | | | | .2 | | | T | | | | | | 7.1 | .3 | | | | | | | | | | | T | 1.2 | | | |
| | SN ON GND | | | | | | | | | | | | | | | 7 | 4 | 4 | 4 | 3 | 1 | T | T | T | | | | T | 1 | | | |
| PEMBERTON 3 E | SNOWFALL | | | | | T | | | | | | | | | | 7.5 | | | | | | | | 1.0 | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | 8 | 8 | 7 | 6 | 5 | 2 | 1 | | | | | | | | | | |
| SEABROOK FARMS | SNOWFALL | | | | | | | | | | | | | | | | - | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | - | | | | | | | | | | | | | | | |
| TRENTON WB CITY | SNOWFALL | | | | | T | | | T | | | | | | T | 3.7 | | | | | | | .6 | | | | | .5 | T | T | | |
| | SN ON GND | | | | | | | | | | | | | | | 3 | 4 | 3 | 2 | 1 | T | T | T | T | | | | T | T | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2 N | SNOWFALL | | | | | .2 | | | T | | | | | | | 6.8 | | | | | | | | | | | | .5 | | | | |
| | SN ON GND | | | | | | | | | | | | | | | 7 | 6 | 5 | 4 | 2 | T | T | | | | | | T | | | | |

# CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| JUNE 1968 | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | 76.9 | 61.8 | 69.4 | - .7 | 94 | 30+ | 55 | 13+ | 14 | 3 | 0 | 0 | 0 | 5.54 | 2.09 | 1.92 | 12 | .0 | 0 | | 6 | 4 | 3 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| JULY 1968 | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | 83.3 | 69.6 | 76.5 | 1.2 | 96 | 16+ | 59 | 7 | 0 | 5 | 0 | 0 | 0 | 1.70 | - 2.47 | 1.70 | 24 | .0 | 0 | | 1 | 1 | 1 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| AUGUST 1968 | | | | | | | | | | | | | | | | | | | | | | | |
| CAPE MAY 1 NW | 86.6M | 67.9M | 77.3M | | 94 | 25 | 50 | 13 | 0 | | 0 | 0 | 0 | 1.95 | | .96 | 3 | .0 | 0 | | 5 | 1 | 0 |
| HIGH POINT PARK | M | M | M | | | | | | | | 0 | 0 | 0 | 3.29 | | 2.02 | 23 | .0 | 0 | | 4 | 2 | 1 |
| JERSEY CITY | 83.3 | 67.9 | 75.6 | 1.8 | 93 | 25+ | 56 | 28 | 0 | 7 | 0 | 0 | 0 | 1.36 | - 3.26 | .85 | 3 | .0 | 0 | | 3 | 1 | 0 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| NOVEMBER 1968 | | | | | | | | | | | | | | | | | | | | | | | |
| CAPE MAY 1 NW | 55.6M | 42.7M | 49.2M | | 75 | 3 | 31 | 23 | 459 | 0 | 0 | 2 | 0 | 3.32 | | 1.00 | 10 | .0 | 0 | | 6 | 3 | 1 |

# DAILY PRECIPITATION

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JUNE 1968 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | 5.54 | | .15 | | | | | | | | | .02 | 1.92 | 1.01 | | T | | T | T | T | 1.48 | | | | T | .60 | .05 | .29 | .02 | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JULY 1968 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | 1.70 | | | T | T | | | | | | | | | | | | | | | T | | | | | 1.70 | | | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AUGUST 1968 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAPE MAY 1 NW | 1.95 | | .12 | .96 | | | | | | | .04 | .10 | | | | .06 | | .40 | .08 | | | | | | | .19 | | | | | | |
| HIGH POINT PARK | 3.29 | | .66 | | | | | .28 | | | | .28 | | | | | | | | | | | | 2.02 | .05 | | | | | | | |
| JERSEY CITY | 1.36 | T | T | .85 | | | T | T | | T | T | | | | T | | | .34 | | | | | T | T | .02 | .15 | | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OCTOBER 1968 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CLINTON | 2.54 | | | .04 | | | | 1.01 | .12 | | | .07 | | | | | | | | .06 | .52 | | | | | .66 | .06 | | | | | T |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOVEMBER 1968 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAPE MAY 1 NW | 3.32 | | | | | | | .50 | .08 | T | 1.00 | .14 | .86 | .16 | | | | | .07 | .46 | | | | | | | | | | .05 | | |

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JUNE 1968 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | MAX | 75 | 68 | 76 | 76 | 76 | 94 | 92 | 80 | 86 | 75 | 62 | 68 | 68 | 75 | 84 | 80 | 73 | 75 | 69 | 71 | 76 | 87 | 84 | 75 | 84 | 73 | 61 | 68 | 83 | 94 | | 76.9 |
| | MIN | 55 | 61 | 60 | 55 | 60 | 66 | 70 | 65 | 65 | 59 | 57 | 61 | 55 | 62 | 61 | 68 | 60 | 60 | 63 | 60 | 56 | 65 | 65 | 69 | 69 | 61 | 59 | 59 | 57 | 72 | | 61.8 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JULY 1968 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | MAX | 96 | 93 | 79 | 72 | 79 | 81 | 79 | 82 | 79 | 79 | 77 | 83 | 84 | 80 | 81 | 96 | 95 | 88 | 84 | 84 | 86 | 83 | 92 | 85 | 85 | 81 | 78 | 87 | 82 | 76 | 76 | 83.3 |
| | MIN | 76 | 78 | 72 | 66 | 63 | 65 | 59 | 65 | 69 | 69 | 70 | 68 | 70 | 70 | 72 | 74 | 79 | 77 | 72 | 70 | 70 | 71 | 74 | 72 | 71 | 70 | 68 | 67 | 62 | 60 | 70 | 69.6 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AUGUST 1968 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAPE MAY 1 NW | MAX | 87 | 87 | 86 | | 91 | 88 | 93 | 93 | 90 | 89 | 88 | 80 | 85 | 85 | 88 | 84 | 88 | 87 | 84 | 89 | 89 | 89 | 89 | 87 | 94 | 89 | 81 | 76 | 75 | 86 | 80 | 86.6 |
| | MIN | 64 | 68 | 71 | | 71 | 72 | 74 | 76 | 72 | 72 | 68 | 56 | 50 | 71 | 71 | 66 | 72 | 73 | 69 | 71 | 76 | 71 | 73 | 71 | 73 | 68 | 64 | 57 | 56 | 58 | 63 | 67.9 |
| HIGH POINT PARK | MAX | 78 | 79 | | | | | | | | | | | | | | | | | | | | | | 82 | 86 | 84 | 84 | 69 | 62 | 65 | 67 | |
| | MIN | 63 | 59 | | | | | | | | | | | | | | | | | | | | | | 62 | 68 | 56 | 52 | 45 | 46 | 48 | 45 | |
| JERSEY CITY | MAX | 93 | 85 | 83 | 85 | 87 | 79 | 92 | 88 | 90 | 87 | 78 | 82 | 80 | 85 | 86 | 77 | 90 | 81 | 73 | 90 | 90 | 82 | 81 | 81 | 93 | 80 | 76 | 75 | 76 | 77 | 79 | 83.3 |
| | MIN | 71 | 72 | 72 | 74 | 73 | 70 | 75 | 72 | 76 | 74 | 65 | 57 | 64 | 70 | 65 | 64 | 72 | 67 | 67 | 71 | 75 | 71 | 70 | 70 | 73 | 64 | 60 | 56 | 59 | 59 | 57 | 67.9 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOVEMBER 1968 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAPE MAY 1 NW | MAX | 54 | 62 | 75 | 66 | 58 | 60 | 57 | 59 | 55 | 50 | 48 | | | 44 | 48 | 57 | 63 | 55 | 58 | 47 | 43 | 45 | 56 | 54 | 59 | 50 | 52 | 59 | 58 | 65 | | 55.6 |
| | MIN | 36 | 46 | 47 | 49 | 52 | 47 | 50 | 48 | 35 | 41 | 39 | | | | 39 | 48 | 51 | 50 | 43 | 32 | 33 | 34 | 31 | 41 | 44 | 39 | 37 | 48 | 50 | 42 | | 42.7 |

# CORRECTIONS

| DATE | TABLE | DIVISION | STATION | CORRECTION |
|---|---|---|---|---|
| AUGUST 1968 | DAILY PRECIPITATION | SOUTHERN 02 | NEW BRUNSWICK | TOTAL 7.07, AMOUNT ON 2D .55, 3D .50, 4TH .05, 7TH TRACE, 8TH .75, 10TH 2.04, 14TH TRACE, 15TH TRACE, 17TH .08, 18TH 1.05, 21ST .02, 23D 1.83, 25TH TRACE, 26TH .20; ALL OTHER DAYS ZERO |

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | M10 | M10 | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | M10 | M10 | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 | | 7A | | | WALTER J SCHANCK |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F DROPPE |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | M10 | M10 | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A | | | CHARLES KOONS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 N | 4987 | 03 | MONMOUTH | 1 | 40 20 | 74 00 | 10 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MANVILLE | 5197 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | JOHN L. RADCLIFFE |
| | 5244 | | | | | | | | | | | |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | M10 | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 9A | 9A | | C H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | M10 | M10 | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | M10 | 8A | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | M10 | M10 | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | | 8A | 8A | 8A | C GH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | M10 | | C | HACKENSACK WATER CO. |
| NEW MONMOUTH | 6154 | 02 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P | | | ST. MARYS SCHOOL |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 3P | 3P | | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 | | 7A | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | M10 | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | M10 | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P | | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | M10 | M10 | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | M10 | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- - No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

  No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown
- // Gage is equipped with a windshield
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground, however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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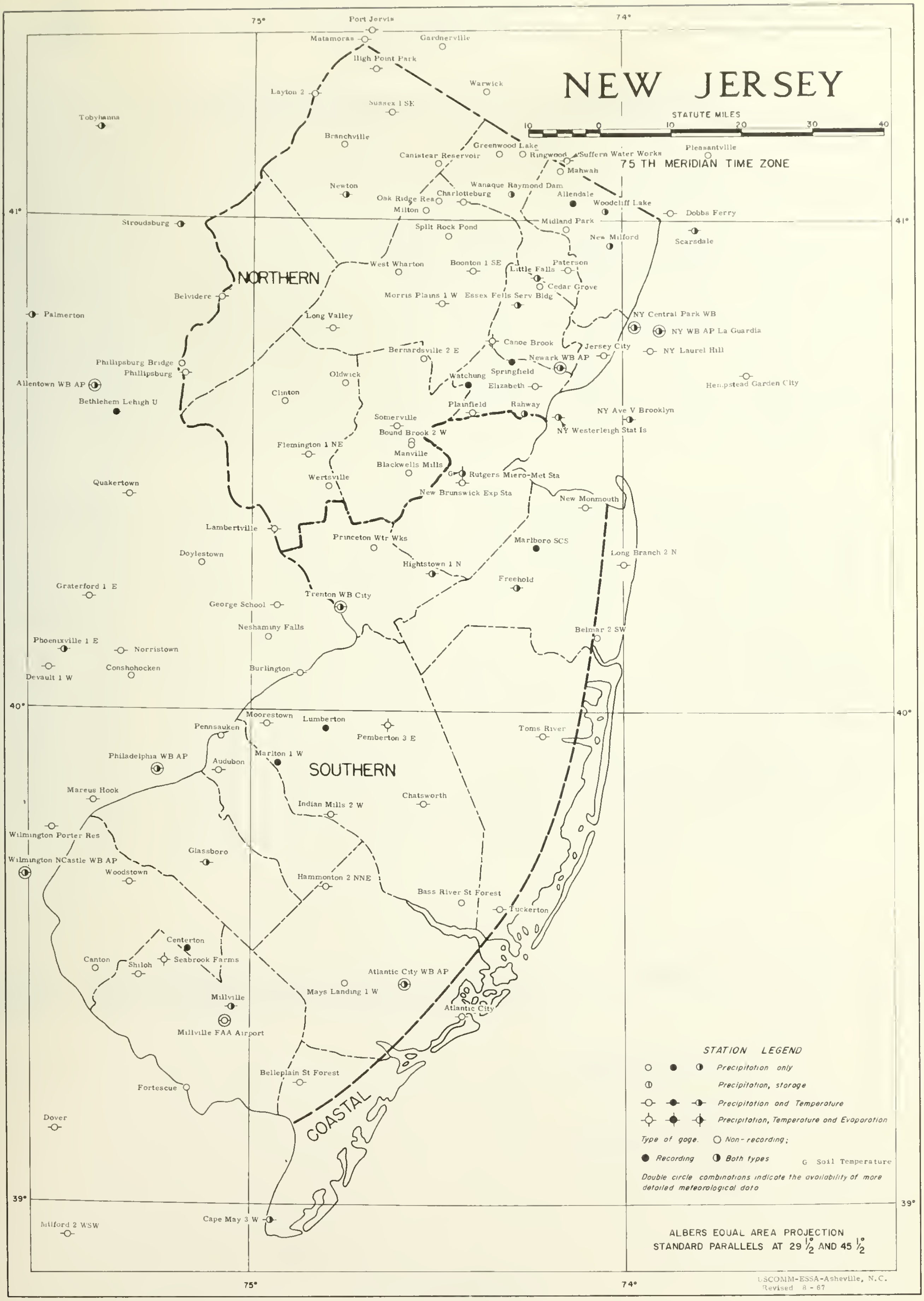

USCOMM-ESSA-Asheville, N.C.
Revised 8-67

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# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H STANS Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
ANNUAL SUMMARY 1968
Volume 73 No. 13

## AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Table 1

| Station | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | | Annual | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure |
| • • • NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 21.2 | - 8.7 | 26.7 | - 4.6 | 40.7 | 1.4 | 51.8 | .7 | 55.9 | - 6.3 | 65.9 | - 4.7 | 72.6 | - 2.5 | 70.4 | - 2.5 | 64.2 | - 1.8 | 54.4 | - .5 | 41.2 | - 1.6 | 27.9 | - 4.0 | 49.4 | - 2.9 |
| BOONTON 1 SE | 22.4 | - 6.5 | 25.9 | - 3.6 | 39.7 | 2.4 | 50.9 | 1.9 | 56.2 | - 2.9 | 66.0 | - 1.9 | 73.4 | .6 | 70.5 | - .3 | 65.2 | 1.7 | 55.0 | 1.7 | 42.4 | - .1 | 29.1 | - 2.4 | 49.7 | - .8 |
| CANOE BROOK | 21.4 | - 7.6 | 26.2 | - 3.4 | 40.2 | 2.6 | 51.7 | 3.0 | 56.5 | - 2.4 | 67.2 | - .8 | 74.7 | 1.7 | 72.1 | 1.0 | 65.8 | 1.6 | 55.8 | 2.1 | 42.2 | - .8 | 29.9 | - 1.3 | 50.3 | - .4 |
| CHARLOTTEBURG | 21.0 | - 7.6 | 23.1 | - 6.0 | 37.0 | .4 | 50.4 | 2.4 | 54.2 | - 4.2 | 64.1 | - 2.4 | 71.6 | .7 | 69.0 | - .2 | 63.3 | .9 | 54.0 | 1.7 | 40.6 | - 1.4 | 26.9 | - 3.9 | 47.9 | - 1.7 |
| ELIZABETH | 27.4 | - 5.4 | 29.6 | - 3.7 | 42.8 | 1.9 | 53.6 | 1.7 | 59.4 | - 2.8 | 68.0M | - 2.8 | 75.5M | - .3 | M | | 69.7 | 2.5 | 58.5 | 1.8 | 45.9 | .2 | 33.5 | - 1.2 | - | |
| ESSEX FELLS SERV BLDG | 22.2 | | 25.8 | | 40.2 | | 52.7 | | M | | M | | 74.4 | | 71.9 | | 65.8 | | 56.0 | | 42.9 | | 29.4 | | - | |
| FLEMINGTON 1 NE | 22.1 | - 9.4 | 25.5 | - 6.8 | 39.5 | - .6 | 49.6 | - 1.6 | 54.7 | - 7.1 | 66.1 | - 4.5 | 72.9 | - 2.5 | 72.6 | - .8 | 65.1 | - 1.5 | 55.0 | - .8 | 42.7 | - 1.6 | 28.9 | - 4.4 | 49.6 | - 3.4 |
| HIGH POINT PARK | 15.9 | | 19.5M | | 35.8 | | 49.9 | | 53.5M | | 63.2 | | 71.5 | | M | | 61.4 | | M | | 37.1 | | 21.8 | | - | |
| JERSEY CITY | 26.9 | - 5.6 | 29.0 | - 3.7 | 42.6 | 2.8 | 53.8 | 3.3 | 58.8 | - 2.4 | 69.4 | - .7 | 76.5 | 1.2 | 75.6 | 1.8 | 69.7 | 2.8 | 58.9 | 2.2 | 45.9 | .2 | 33.1 | - 1.7 | 53.4 | .1 |
| LAMBERTVILLE | 26.7 | - 5.0 | 29.7 | - 2.8 | 44.0 | 4.2 | 53.3 | 2.2 | 58.8 | - 2.8 | 70.0 | - .1 | 75.9 | 1.1 | 75.0 | 2.0 | 68.0 | 1.8 | 57.8 | 2.3 | 45.3 | .9 | 32.5 | - 1.2 | 53.1 | .2 |
| LAYTON 2 | 18.2 | | 22.8 | | 37.8 | | 49.8 | | 54.0 | | 63.7 | | 71.5 | | 69.0 | | 63.6 | | 52.5 | | 39.5 | | 25.3 | | 47.3 | |
| LITTLE FALLS | 25.0 | - 6.1 | 28.3 | - 3.4 | 42.4 | 3.1 | 55.0 | 4.3 | 58.3 | - 2.9 | 68.5 | - 1.2 | 76.9 | 2.1 | 74.3 | 1.5 | 67.7 | 1.9 | 57.0 | 1.6 | 44.3 | - .3 | 30.9 | - 2.7 | 52.4 | - .2 |
| LONG VALLEY | 21.8 | | 24.7 | | 37.7 | | 48.9 | | 53.0 | | 63.3 | | 70.0 | | 68.4 | | 61.2 | | 52.1 | | 39.2 | | 26.0 | | 47.2 | |
| MORRIS PLAINS 1 W | 21.9 | | 25.1 | | 38.9 | | 51.1 | | 55.3 | | 66.2 | | 73.3 | | 71.6 | | 64.6 | | 54.7 | | 41.7 | | 27.9 | | 49.4 | |
| NEWARK WB AIRPORT | 27.8 | - 4.5 | 29.9 | - 2.8 | 43.1 | 2.6 | 54.0 | 2.7 | 59.6 | - 2.4 | 69.7 | - 1.6 | 78.2 | 1.9 | 76.9 | 2.5 | 70.7 | 3.4 | 59.7 | 3.1 | 45.7 | .3 | 32.5 | - 2.2 | 54.0 | .3 |
| NEWTON | 18.0 | - 9.5 | 23.6 | - 4.5 | 38.9 | 2.5 | 50.5 | 2.2 | 54.6 | - 4.4 | 65.0 | - 2.4 | 71.8 | - .4 | 69.8 | - .3 | 63.3 | .3 | 53.0 | .5 | 40.0 | - 1.2 | 26.2 | - 3.5 | 47.9 | - 1.7 |
| PATERSON | 25.5 | - 6.1 | 28.7 | - 3.4 | 42.2 | 2.7 | 54.4 | 3.3 | 59.3 | - 2.6 | 69.3 | - 1.4 | 77.9 | 2.2 | 77.3M | 3.7 | 69.2M | 2.8 | 58.8 | 2.7 | 45.4 | .3 | 32.2 | - 1.9 | 53.4M | .2 |
| PHILLIPSBURG | 25.8 | - 4.7 | 29.6 | - 1.8 | 43.9 | 4.7 | 54.2 | 3.5 | 58.3 | - 3.1 | 69.3 | - .7 | 75.1 | .8 | 74.8 | 2.4 | 67.4 | 1.9 | 57.5 | 3.0 | 45.1 | 1.7 | 32.7 | .0 | 52.8 | .6 |
| PLAINFIELD | 25.9 | - 6.0 | 28.8 | - 3.7 | 43.4 | 3.5 | 53.7 | 2.8 | 58.4 | - 2.8 | 69.8 | - .1 | 75.4 | .5 | 74.4 | 1.3 | 67.7 | 1.5 | 57.3 | 1.4 | 44.3 | - .5 | 31.9 | - 2.1 | 52.6 | - .3 |
| SOMERVILLE | 26.1 | - 5.2 | 28.2 | - 3.8 | 43.4M | 3.9 | 52.7 | 2.1 | 58.6 | - 2.5 | 69.1 | - .7 | 74.9 | .3 | 73.8 | 1.0 | 66.9 | .9 | 56.7 | 1.4 | 44.6 | .7 | 31.7 | - 1.4 | 52.2M | - .3 |
| SUSSEX 1 SE | 16.1M | -11.6 | 21.8 | - 7.1 | 36.8 | - .2 | 48.0M | - 1.1 | 52.3M | - 7.6 | 63.4M | - 5.1 | 70.1M | - 2.8 | 67.5 | - 3.3 | M | | 51.3 | - 1.9 | 38.1 | - 3.9 | 24.2M | - 6.0 | - | |
| DIVISION | 22.8 | - 7.4 | 26.3 | - 4.6 | 40.5 | 1.9 | 51.9 | 1.9 | 56.5 | - 4.0 | 66.9 | - 2.3 | 74.0 | .0 | 72.4 | .3 | 66.0 | 1.0 | 55.8 | 1.3 | 42.6 | - .9 | 29.3 | - 3.1 | 50.4 | - 1.3 |
| • • • SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 26.1 | - 8.7 | 27.1 | - 7.6 | 43.0 | 1.9 | 51.0 | .0 | 58.9 | - 2.4 | 70.1 | .1 | 74.2 | - .9 | 73.9 | .2 | 66.5 | - .7 | 55.0 | - 2.2 | 43.8 | - 2.9 | 31.5 | - 5.1 | 51.8 | - 2.3 |
| AUDUBON | 29.2 | | 31.4 | | 45.3 | | 54.7 | | 60.0 | | 71.8 | | 77.1 | | 76.8 | | 70.3 | | 59.9 | | 47.2 | | 34.2 | | 54.8 | |
| BELLEPLAIN ST FOREST | 30.0 | | 30.2 | | 45.3 | | 52.1 | | 59.8 | | 70.8 | | 75.2 | | 76.0 | | 67.2 | | 58.4 | | 48.7 | | 35.0M | | 54.1M | |
| BURLINGTON | 28.4M | - 5.8 | 31.5M | - 3.4 | 44.8M | 2.6 | 55.6 | 2.3 | 60.9 | - 3.3 | M | | 78.6 | 1.4 | 77.4 | 1.9 | 71.2M | 2.4 | 59.4M | 1.4 | 47.5M | .9 | 35.6M | - .4 | - | |
| CHATSWORTH | 28.7 | | 28.2M | | 43.9 | | 51.5M | | 59.0 | | 70.4M | | 75.0M | | 75.2 | | 67.1 | | 57.9M | | 47.0M | | 33.1M | | 53.1M | |
| FREEHOLD | 25.6 | - 7.1 | 28.0 | - 5.0 | 41.0 | 1.0 | 52.3 | 1.5 | 57.5 | - 4.1 | 68.5 | - 1.7 | 74.7 | - .2 | 73.1 | .0 | 66.7 | .2 | 56.5 | .4 | 44.5M | - 1.0 | 31.3 | - 3.4 | 51.6M | - 1.7 |
| GLASSBORO | 28.3 | | 27.9M | | 42.9 | | 53.3 | | 59.3 | | 69.7 | | 76.4 | | 75.7 | | 68.7 | | 58.2 | | 46.2 | | 32.8 | | 53.3M | |
| HAMMONTON 2 NNE | 28.1 | - 6.1 | 30.6 | - 3.9 | 44.7 | 2.8 | 54.4 | 2.1 | 60.0 | - 2.7 | 71.7 | .1 | 76.9 | .8 | 76.6 | 2.4 | 69.6 | 1.9 | 59.2 | 2.0 | 47.6 | .9 | - | | - | |
| HIGHTSTOWN 1 N | 26.9 | - 5.5 | 29.2 | - 3.7 | 43.5 | 3.3 | 53.2 | 2.3 | 58.0 | - 3.4 | 69.3 | - .6 | 74.9 | .1 | 73.9 | 1.0 | 66.6 | .4 | 57.0 | 1.1 | 45.6 | .4 | 32.9 | - 1.4 | 52.6 | - .5 |
| INDIAN MILLS 2 W | 27.7 | - 5.6 | 28.3 | - 5.5 | 43.0 | 2.3 | 51.9 | .5 | 57.4 | - 4.6 | 69.4 | - .8 | 73.5 | - 1.2 | 73.4 | .5 | 65.6 | - .7 | 55.7 | - .2 | 45.3 | .1 | 32.5 | - 2.3 | 52.0 | - 1.4 |
| MILLVILLE | - | | - | | - | | 53.0 | | 59.0M | | M | | 75.9 | | 76.3 | | 68.9 | | 59.3M | | 48.0 | | 33.6M | | - | |
| MILLVILLE FAA AIRPORT | 28.4 | | 29.9 | | 45.0 | | 52.6 | | 59.4 | | 70.7 | | 75.7 | | 75.5 | | 68.6 | | 58.4 | | 47.4 | | 33.7 | | 53.8 | |
| MOORESTOWN | 26.1M | - 6.9 | 29.5 | - 3.9 | 43.5 | 2.8 | 52.7 | 1.3 | 58.0M | - 3.7 | 70.1 | - .1 | 76.2 | 1.1 | 75.9 | 2.8 | 68.5 | 2.1 | 56.8 | .9 | 44.3 | - .7 | 31.4 | - 3.4 | 52.8M | - .6 |
| NEW BRUNSWICK | - | | - | | - | | - | | - | | 68.5 | | 75.8 | | 73.5 | | 67.5 | | 57.0 | | 44.5 | | 31.5 | | - | |
| NEW BRUNSWICK EXP STA | 27.6 | - 4.7 | 30.0 | - 2.8 | 44.2 | 4.0 | 54.8 | 3.7 | 59.4 | - 2.2 | - | | - | | - | | - | | - | | - | | - | | - | |
| NEW MONMOUTH | 28.2 | | 31.4M | | 44.7M | | 53.9 | | 59.4 | | 70.7M | | 75.8 | | - | | - | | - | | - | | - | | - | |
| PEMBERTON 3 E | 28.1 | - 5.8 | 29.1 | - 5.2 | 43.7 | 2.1 | 52.5 | .2 | 58.3 | - 4.4 | 70.1 | - .9 | 74.6 | - .9 | 74.6 | .8 | 67.1 | - .3 | 57.6 | .8 | 46.8 | .5 | 33.4 | - 2.2 | 53.0 | - 1.3 |
| SEABROOK FARMS | 27.5 | | 29.8 | | 44.0 | | 53.6 | | 59.4 | | 70.5 | | 75.9 | | 75.7 | | 68.9 | | 58.8 | | 46.9 | | 33.1 | | 53.7 | |
| SHILOH | 29.7 | - 4.6 | 31.3 | - 3.6 | 45.3 | 3.1 | 54.0 | 1.3 | 60.5 | - 2.5 | 71.3 | - .4 | 76.2 | - .2 | 76.3 | 1.7 | 69.7 | 1.7 | 59.6 | 2.3 | 47.6 | 1.3 | 34.3 | - 1.8 | 54.7 | - .1 |
| TOMS RIVER | 27.1 | | 28.4 | | 42.1 | | 51.3 | | 57.7 | | 69.6 | | 74.6 | | 74.5 | | 66.4 | | 57.3 | | 46.4 | | 33.4 | | 52.4 | |
| TRENTON WB CITY | 28.3 | - 4.8 | 30.5 | - 2.9 | 44.9 | 4.2 | 54.8 | 3.1 | 59.3 | - 3.0 | 70.6 | - .4 | 76.7 | .7 | 75.7 | 1.8 | 69.3 | 2.2 | 58.6 | 1.8 | 46.4 | .6 | 33.7 | - 1.5 | 54.1 | .2 |
| TUCKERTON | 29.5 | | 29.1 | | 42.9 | | 50.3 | | 58.6 | | 69.3 | | 74.5 | | 75.3 | | 66.9 | | 57.9 | | 47.6 | | 34.1 | | 53.0 | |
| WOODSTOWN | 29.1 | | 30.2 | | 44.7 | | 53.2 | | 60.2 | | 71.9 | | 77.1 | | 76.8 | | 68.3M | | 58.6 | | 47.0M | | 33.4M | | 54.2M | |
| DIVISION | 28.0 | - 5.4 | 29.6 | - 4.1 | 43.9 | 3.0 | 53.0 | 1.6 | 59.1 | - 3.0 | 70.3 | - .4 | 75.7 | .3 | 75.3 | 1.7 | 68.1 | 1.1 | 58.0 | 1.5 | 46.5 | .8 | 33.2 | - 2.1 | 53.4 | - .4 |
| • • • COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | 32.0 | - 4.0 | 32.5 | - 3.2 | 44.8 | 3.7 | 52.6 | 2.7 | 60.2 | .7 | 70.6 | 1.6 | 76.5 | 2.3 | 76.2 | 2.5 | 71.0 | 2.6 | 60.2 | 1.5 | 48.4 | .1 | 35.6 | - 2.7 | 55.1 | .7 |
| CAPE MAY 1 NW | 32.4M | | 32.9 | | 43.6M | | 52.9M | | 61.6M | | 71.6 | | 77.3M | | 77.3M | | 71.2M | | 62.7M | | 49.2M | | 34.9M | | 55.6M | |
| LONG BRANCH 2 N | 28.7 | - 4.3 | 29.6 | - 3.4 | 41.5 | 1.7 | 52.4 | 2.8 | 58.7 | - 1.1 | 69.1 | .0 | 75.7 | 1.3 | 75.6 | 2.3 | 68.9 | 2.7 | 58.6 | 2.4 | 47.0 | 1.3 | 34.0 | - 1.3 | 53.3 | .4 |
| DIVISION | 31.0 | - 3.5 | 31.7 | - 2.6 | 43.3 | 2.8 | 52.6 | 2.6 | 60.2 | .2 | 70.4 | 1.0 | 76.5 | 1.4 | 76.4 | 2.8 | 70.4 | 2.6 | 60.5 | 2.5 | 48.2 | .8 | 34.8 | - 2.2 | 54.7 | .8 |

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

A SPECIAL WEATHER SUMMARY DESCRIBING UNUSUAL WEATHER IN 1968 WAS INCLUDED IN THE JANUARY, FEBRUARY, MAY, JUNE, AND DECEMBER ISSUES OF THIS PUBLICATION.

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# TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

| Station | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | | Annual | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 1.81 | -1.82 | .99 | -2.13 | 3.90 | -.18 | 2.70 | -1.44 | 6.86 | 2.83 | 4.66 | .22 | 1.49 | -3.81 | 2.96 | -2.03 | 3.22 | -.65 | 2.10 | -1.32 | 4.17 | .31 | 3.40 | -.26 | 38.26 | -10.28 |
| BERNARDSVILLE 2 E | 1.77 | | 1.00 | | 5.23 | | 2.32 | | 8.81 | | 4.83 | | 1.18 | | 4.34 | | 1.97 | | 2.46 | | 6.20 | | 4.60 | | 44.71 | |
| BLACKWELLS MILLS | 2.07 | | .62 | | 5.73 | | 2.14 | | 5.89 | | 5.26 | | .63 | | 6.24 | | 1.81 | | 1.89 | | 5.48 | | 3.77 | | 41.53 | |
| BOONTON 1 SE | 2.02 | -1.22 | 1.02 | -1.71 | 4.45 | .59 | 2.60 | -1.26 | 9.26 | 5.10 | 5.65 | 1.76 | 1.02 | -3.22 | 3.26 | -1.67 | 2.93 | -1.42 | 2.22 | -1.18 | 4.86 | .84 | 3.68 | .26 | 42.97 | -3.13 |
| BOUND BROOK 2 W | 2.44 | | .69 | | 4.37 | | 1.86 | | 6.31 | | 5.08 | | 1.76 | | 5.98 | | 1.60 | | 1.62 | | 5.25 | | 3.42 | | 40.38 | |
| BRANCHVILLE | 2.16 | | .59 | | 4.20 | | 3.23 | | 6.39 | | 6.70 | | 1.11 | | 2.94 | | 2.06 | | 2.81 | | 5.07 | | 3.33 | | 40.59 | |
| CANISTEAR RESERVOIR | 2.92 | | .71 | | 4.08 | | 2.81 | | 7.92 | | 7.33 | | .77 | | 3.06 | | 3.56 | | 2.66 | | 6.05 | | 3.45 | | 45.32 | |
| CANOE BROOK | 2.69 | -.97 | .84 | -2.12 | 5.16 | .86 | 2.28 | -1.74 | 11.10 | 6.95 | 5.73 | 1.70 | 2.95 | -1.60 | 2.85 | -2.38 | 2.79 | -1.53 | 2.17 | -1.24 | 5.82 | 1.72 | 4.80 | 1.15 | 49.18 | .80 |
| CHARLOTTEBURG | 2.94 | -.73 | .88 | -2.29 | 5.00 | .53 | 3.08 | -1.13 | 9.50 | 5.35 | 6.36 | 2.12 | .97 | -3.76 | 2.62 | -2.34 | 4.19 | -.22 | 2.82 | -1.02 | 5.68 | 1.19 | 3.79 | -.33 | 47.83 | -2.63 |
| CLINTON | 2.28 | | .82 | | 4.11 | | 1.97 | | 6.58 | | 5.70 | | 1.29 | | 3.47 | | .89 | | 2.54 | | 4.52 | | 3.34 | | 37.51 | |
| ELIZABETH | 2.04 | -1.93 | 1.01 | -2.27 | 4.15 | -.34 | 1.97 | -1.98 | 7.21 | 3.15 | 3.97 | .21 | 1.64 | -2.87 | 1.69 | -3.28 | .70 | -3.64 | 2.62 | -.91 | 4.27 | .39 | E 2.75 | -.85 | E 34.02 | -14.32 |
| ESSEX FELLS SERV BLDG | 2.17 | | .92 | | 5.24 | | 2.46 | | 9.48 | | 5.33 | | 1.83 | | 2.85 | | 2.24 | | 2.01 | | 5.26 | | 4.09 | | 43.88 | |
| FLEMINGTON 1 NE | 3.86 | .54 | .72 | -2.06 | 4.51 | .52 | 2.70 | -1.10 | 6.47 | 2.46 | 5.36 | 1.56 | 1.09 | -3.43 | 3.49 | -1.53 | 1.45 | -2.14 | 2.12 | -1.20 | 5.05 | 1.31 | 3.02 | -.40 | 39.84 | -5.47 |
| GREENWOOD LAKE | 2.89 | | .84 | | 4.82 | | 3.20 | | 9.36 | | 7.59 | | .65 | | 1.55 | | 3.67 | | 2.87 | | 5.68 | | 4.49 | | 47.61 | |
| HIGH POINT PARK | E 1.70 | | .42 | | E 4.75 | | 3.66 | | 6.18 | | 6.24 | | .75 | | 3.29 | | 2.14 | | 3.81 | | E 4.10 | | 4.26 | | E 41.30 | |
| JERSEY CITY | 1.95 | -1.42 | .58 | -2.32 | E 4.88 | .85 | 2.47 | -1.12 | 3.79 | .04 | 5.54 | 2.09 | 1.70 | -2.47 | 1.36 | -3.26 | 2.19 | -1.62 | 2.00 | -1.18 | 5.27 | 1.85 | 3.83 | .54 | E 35.56 | -8.02 |
| LAMBERTVILLE | 2.40 | -.94 | 1.13 | -1.59 | 4.37 | .31 | 2.74 | -.90 | 5.71 | 1.63 | 4.85 | 1.01 | 1.15 | -3.36 | 3.78 | -1.36 | 1.30 | -1.99 | 2.47 | -.53 | 4.71 | 1.00 | 3.34 | -.04 | 37.95 | -6.76 |
| LAYTON 2 | 2.28 | | .50 | | 3.93 | | 3.64 | | 6.73 | | 7.59 | | 1.17 | | 2.19 | | 2.17 | | 3.74 | | 4.96 | | 3.99 | | 42.89 | |
| LITTLE FALLS | 2.20 | -1.45 | .91 | -2.16 | 5.02 | .72 | 2.62 | -1.64 | 8.94 | 4.61 | 6.22 | 1.97 | .71 | -3.83 | 2.74 | -2.35 | 3.16 | -1.39 | 1.93 | -1.77 | 5.18 | .90 | 4.41 | .51 | 44.04 | -5.88 |
| LONG VALLEY | 2.05 | -1.49 | .80 | -2.22 | 3.98 | -.30 | 3.14 | -.83 | 7.00 | 2.83 | 4.92 | .79 | 1.72 | -3.48 | 4.22 | -.84 | 2.14 | -1.78 | 3.25 | -.32 | 5.00 | .75 | 4.33 | .54 | 42.55 | -6.35 |
| MAHWAH | E 2.50 | | .86 | | 4.80 | | 2.41 | | 9.05 | | 5.63 | | .80 | | 3.06 | | 3.89 | | 2.74 | | 4.79 | | 4.20 | | E 44.73 | |
| MIDLAND PARK | E 1.70 | | 1.57 | | 5.29 | | 2.77 | | 9.30 | | 7.74 | | 1.65 | | 2.16 | | 3.84 | | 2.56 | | 5.72 | | 5.05 | | E 49.35 | |
| MILTON | 3.17 | | .93 | | 4.47 | | 3.03 | | 7.07 | | 6.85 | | 1.42 | | 2.81 | | 3.54 | | 2.97 | | 5.49 | | 5.22 | | 46.97 | |
| MORRIS PLAINS 1 W | 2.43 | | .94 | | 4.54 | | 2.89 | | 8.56 | | 5.23 | | 2.30 | | 2.54 | | 2.29 | | 1.63 | | 4.83 | | 4.37 | | 42.55 | |
| NEWARK WB AIRPORT R | 1.71 | -1.62 | 1.22 | -1.58 | 3.59 | -.50 | 2.24 | -1.27 | 6.28 | 2.63 | 4.37 | .93 | 1.87 | -1.80 | 2.41 | -2.02 | 2.48 | -1.28 | 2.02 | -1.09 | 4.38 | 1.01 | 4.32 | 1.10 | 36.89 | -5.49 |
| NEW MILFORD | 1.93 | -1.51 | 1.25 | -1.56 | 4.61 | .62 | 2.71 | -1.13 | 6.67 | 2.82 | 5.99 | 2.23 | 1.10 | -3.28 | 2.12 | -2.33 | 2.04 | -1.71 | 1.68 | -1.51 | 5.21 | 1.55 | 3.61 | .15 | 38.92 | -5.66 |
| NEWTON | 2.14 | -.90 | .66 | -1.91 | 4.00 | .55 | 3.27 | -.56 | 5.61 | 1.66 | 6.48 | 2.18 | 1.92 | -2.95 | 2.42 | -2.12 | 2.41 | -1.58 | 2.83 | -.59 | 4.61 | .98 | 2.39 | -.81 | 38.74 | -6.05 |
| OAK RIDGE RESERVOIR | 2.64 | | .84 | | 4.42 | | 2.82 | | 7.13 | | 6.48 | | 1.36 | | 3.36 | | 3.10 | | 3.24 | | 5.64 | | 4.20 | | 45.23 | |
| OLDWICK | 2.19 | | .78 | | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | |
| PATERSON | 2.04 | -1.56 | .85 | -2.30 | 5.32 | .87 | 2.60 | -1.47 | 7.86 | 3.56 | 6.13 | 1.92 | 1.23 | -3.40 | 3.52 | -1.35 | 3.46 | -.75 | 2.55 | -.92 | 6.51 | 2.47 | 5.16 | 1.33 | 47.23 | -1.60 |
| PHILLIPSBURG | 2.22 | -1.46 | .86 | -2.20 | 3.82 | -.27 | 2.90 | -1.17 | 5.92 | 1.77 | 4.27 | .01 | 1.12 | -4.17 | 3.35 | -1.69 | 2.38 | -1.62 | 2.92 | -.50 | 5.12 | 1.45 | 3.61 | -.03 | 38.49 | -9.88 |
| PHILLIPSBURG BRIDGE | 4.35 | | .01 | | 5.03 | | 2.84 | | 5.84 | | 5.46 | | 3.00 | | 2.82 | | 2.70 | | 3.17 | | 6.06 | | 3.53 | | 44.81 | |
| PLAINFIELD | 2.62 | -.99 | 1.31 | -1.71 | 4.43 | .12 | 2.81 | -1.06 | 8.45 | 4.31 | 4.36 | .03 | 2.07 | -2.54 | 4.18 | -1.01 | 1.59 | -2.74 | 2.42 | -1.04 | 5.33 | 1.50 | 4.49 | .90 | 44.06 | -4.23 |
| POTTERSVILLE 2 NNW | - | | - | | - | | - | | 6.53 | | 4.42 | | .39 | | 4.96 | | 2.01 | | 3.58 | | 5.28 | | 4.20 | | - | |
| RAHWAY | 1.92 | | 1.44 | | 4.39 | | 2.03 | | 5.31 | | 3.17 | | 2.91 | | 4.24 | | 1.36 | | 1.94 | | 4.49 | | 3.73 | | 36.93 | |
| RINGWOOD | 2.83 | | .83 | | 4.58 | | 2.37 | | 8.42 | | 6.68 | | .73 | | 1.63 | | 2.23 | | 2.34 | | 5.19 | | 3.22 | | 41.05 | |
| SOMERVILLE | 2.38 | -.89 | 1.04 | -1.71 | 4.16 | .19 | 2.29 | -1.36 | 6.34 | 2.53 | 5.17 | 1.29 | 2.17 | -2.57 | 7.24 | 2.23 | 1.51 | -2.26 | 2.24 | -1.11 | 4.80 | 1.14 | 3.83 | .50 | 43.17 | -2.02 |
| SPLIT ROCK POND | 2.39 | | .85 | | 4.55 | | 3.16 | | 8.31 | | 5.34 | | 1.98 | | 2.37 | | 3.56 | | 2.88 | | 4.61 | | 4.01 | | 44.01 | |
| SUSSEX 1 SE | 2.37 | -1.00 | 2.95 | .23 | E 4.98 | 1.58 | 2.98 | -.97 | 5.79 | 2.02 | 7.60 | 3.51 | .94 | -4.13 | 2.40 | -2.64 | 1.94 | -1.98 | 2.84 | -.44 | 4.81 | 1.00 | 3.18 | -.18 | E 42.78 | -3.00 |
| WANAQUE RAYMOND DAM | 2.64 | | .86 | | 4.06 | | 2.74 | | 8.17 | | 5.15 | | .46 | | 1.76 | | 2.34 | | 2.60 | | 4.56 | | 3.33 | | 38.67 | |
| WERTSVILLE | 2.69 | | .69 | | 4.27 | | 2.42 | | 6.14 | | 4.78 | | .74 | | 3.34 | | 1.78 | | 2.25 | | 4.30 | | 3.83 | | 37.23 | |
| WEST WHARTON | 2.78 | | .76 | | 4.26 | | 3.09 | | 7.54 | | 4.85 | | 1.89 | | 3.91 | | 2.76 | | 2.41 | | 5.08 | | 3.74 | | 43.07 | |
| WOODCLIFF LAKE | 1.62 | -1.95 | 1.30 | -1.59 | 4.66 | .53 | 2.62 | -1.36 | 5.60 | 1.65 | 5.84 | 2.32 | 1.35 | -3.09 | 2.88 | -1.83 | 2.73 | -1.20 | 2.17 | -1.11 | 5.31 | 1.44 | 4.24 | .65 | 40.32 | -5.54 |
| DIVISION | 2.29 | -1.18 | .98 | -1.94 | 4.48 | .38 | 2.76 | -1.15 | 7.29 | 3.22 | 5.53 | 1.52 | 1.51 | -3.14 | 3.11 | -1.80 | 2.32 | -1.74 | 2.51 | -.91 | 4.99 | 1.11 | 3.86 | .30 | 41.63 | -5.33 |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 2.77 | -.79 | 1.69 | -1.44 | 4.99 | 1.08 | 1.50 | -1.91 | 5.55 | 2.04 | 2.86 | .03 | 1.75 | -1.97 | 2.20 | -2.70 | .43 | -2.88 | 2.73 | -.47 | 3.10 | -.56 | 3.89 | .67 | 33.46 | -8.90 |
| AUDUBON | 3.22 | | .74 | | 5.68 | | 2.03 | | 6.05 | | 6.00 | | 2.31 | | 1.61 | | .70 | | 2.73 | | 4.92 | | 2.25 | | 38.24 | |
| BASS RIVER ST FOREST | 3.14 | | .87 | | 6.12 | | 2.20 | | 6.36 | | 3.32 | | 1.79 | | 3.20 | | .68 | | 3.58 | | 4.74 | | 4.13 | | 40.13 | |
| BELLEPLAIN ST FOREST | 2.81 | -.66 | 1.87 | -1.31 | 4.42 | .00 | 1.19 | -2.28 | 4.22 | .39 | 4.93 | 1.54 | 2.05 | -2.79 | .87 | -4.88 | 1.78 | -2.08 | 3.09 | -.60 | 3.23 | -.80 | 3.64 | -.01 | 34.10 | -13.48 |
| BURLINGTON | 3.02 | -.25 | .94 | -1.96 | 5.19 | .85 | 1.89 | -1.55 | 5.67 | 1.91 | 5.29 | 1.64 | 2.78 | -1.46 | 1.93 | -2.91 | .33 | -3.32 | 2.47 | -.88 | 4.51 | .85 | 1.99 | -1.07 | 36.01 | -8.15 |
| CANTON | 2.05 | | .75 | | 3.85 | | 1.17 | | 5.63 | | 2.86 | | 2.83 | | 2.89 | | 1.00 | | 2.33 | | 3.94 | | 1.42 | | 30.72 | |
| CHATSWORTH | 3.45 | | 1.44 | | 6.22 | | 1.66 | | 6.57 | | 4.24 | | 3.21 | | 2.12 | | .79 | | 2.73 | | 6.30 | | 2.95 | | 41.68 | |
| FORTESCUE | 1.75 | | .80 | | 3.95 | | 1.12 | | 4.46 | | 6.40 | | 1.96 | | .48 | | 1.28 | | 3.15 | | 4.11 | | 1.90 | | 31.36 | |
| FREEHOLD | 3.01 | -.57 | .99 | -2.15 | 6.35 | 2.11 | 1.84 | -1.74 | 6.89 | 2.86 | 6.33 | 2.65 | 1.98 | -2.26 | 4.31 | -.45 | 1.54 | -2.24 | 2.67 | -.92 | 6.03 | 2.07 | 3.60 | .15 | 45.54 | -.49 |
| GLASSBORO | 2.91 | | .69 | | 5.24 | | 1.44 | | 5.59 | | 5.02 | | 1.29 | | .91 | | .59 | | 2.76 | | 2.56 | | 2.06 | | 31.06 | |
| HAMMONTON 2 NNE | .69 | -2.88 | .99 | -2.26 | 5.57 | 1.31 | 1.91 | -1.69 | 5.94 | 2.02 | 4.23 | .28 | 3.46 | -1.10 | 2.33 | -3.31 | .20 | -3.57 | 2.83 | -.86 | 5.23 | 1.49 | 2.70 | -1.03 | 36.08 | -11.60 |
| HIGHTSTOWN 1 N | 2.35 | -.87 | .91 | -1.82 | 6.30 | 2.48 | 1.87 | -1.51 | 5.71 | 1.99 | 4.99 | 1.16 | 2.14 | -2.32 | 6.86 | 2.34 | 2.11 | -1.88 | 2.37 | -.95 | 5.26 | 1.87 | 3.31 | .28 | 44.18 | .77 |
| INDIAN MILLS 2 W | 3.15 | -.47 | 1.35 | -1.76 | 5.01 | .73 | 1.92 | -1.50 | 5.04 | 1.16 | 4.19 | .29 | 4.44 | .17 | .98 | -4.48 | 1.11 | -2.49 | 2.74 | -.67 | 5.50 | 1.79 | 2.98 | -.25 | 38.41 | -7.48 |
| MAYS LANDING 1 W | 3.86 | | 1.20 | | 6.04 | | 1.40 | | 5.29 | | 4.19 | | 1.39 | | 2.52 | | .59 | | 3.59 | | 4.55 | | 4.25 | | 38.87 | |
| MILLVILLE | - | | - | | - | | 1.38 | | 2.13 | | - | | 1.59 | | 3.66 | | .41 | | 4.27 | | 4.53 | | 2.49 | | - | |
| MILLVILLE FAA AIRPORT | 2.61 | | 1.24 | | 4.49 | | 1.45 | | 4.47 | | 5.58 | | .93 | | 2.97 | | .60 | | 4.40 | | 4.28 | | 2.95 | | 35.97 | |
| MOORESTOWN | 3.86 | .74 | .54 | -2.19 | 5.90 | 2.09 | 1.56 | -1.88 | 5.85 | 1.78 | 6.87 | 3.31 | 3.55 | -.62 | .98 | -3.77 | .64 | -3.11 | 2.92 | -.14 | 5.06 | 1.45 | 2.49 | -.42 | 40.22 | -2.76 |
| NEW BRUNSWICK | - | | - | | - | | - | | - | | 4.50 | | .85 | | 7.07 | | 2.32 | | 1.99 | | 5.77 | | 3.66 | | - | |
| NEW BRUNSWICK EXP STA | 3.78 | .44 | .95 | -1.82 | 4.44 | .69 | 1.64 | -1.84 | 9.18 | 5.43 | - | | - | | - | | - | | - | | - | | - | | - | |
| NEW MONMOUTH | 2.74 | | .94 | | 8.51 | | 1.68 | | 5.14 | | 7.26 | | 3.09 | | - | | - | | - | | - | | - | | - | |
| PEMBERTON 3 E | 2.66 | -.64 | 1.36 | -1.52 | 5.96 | 2.11 | 1.75 | -1.70 | 5.84 | 2.08 | 5.83 | 2.13 | 6.45 | 1.80 | 2.91 | -2.14 | 1.12 | -2.65 | 2.83 | -.44 | 6.08 | 2.57 | 3.09 | .01 | 45.88 | 1.61 |
| PENNSAUKEN | 3.40 | | .60 | | 5.75 | | 1.92 | | 5.33 | | 6.12 | | - | | - | | - | | - | | - | | - | | - | |
| PRINCETON WATER WORKS | 1.99 | | 1.24 | | 4.94 | | 2.27 | | 5.17 | | 5.25 | | 1.23 | | 2.43 | | 2.79 | | 1.76 | | 5.14 | | 3.26 | | 37.47 | |
| SEABROOK FARMS | 3.16 | | .82 | | 5.25 | | 1.93 | | 5.00 | | 5.48 | | 4.23 | | 3.10 | | .64 | | 2.96 | | 4.59 | | 2.52 | | 39.68 | |
| SHILOH | 2.17 | -1.31 | 1.13 | -1.76 | 4.93 | 1.17 | 1.54 | -1.57 | 5.36 | 1.90 | 4.44 | 1.03 | 1.81 | -2.48 | 2.13 | -2.82 | .67 | -3.27 | 2.51 | -.65 | 4.32 | .59 | 2.48 | -1.08 | 33.49 | -10.25 |
| TOMS RIVER | 2.24 | | .94 | | 4.84 | | 1.44 | | 6.24 | | 4.25 | | 1.73 | | 4.72 | | 2.13 | | 3.22 | | 5.71 | | 2.50 | | 39.96 | |
| TRENTON WB CITY R | 2.29 | -.81 | 1.15 | -1.44 | 4.44 | .60 | 1.49 | -1.72 | 5.84 | 2.22 | 6.26 | 2.66 | 2.35 | -1.83 | 3.02 | -1.75 | 1.19 | -2.31 | 1.92 | -.92 | 4.46 | 1.30 | 3.07 | .20 | 37.48 | -3.80 |
| TUCKERTON | 2.47 | | 1.52 | | 5.68 | | 1.51 | | 6.33 | | 5.62 | | 2.01 | | 3.20 | | 1.70 | | 3.13 | | 5.24 | | 3.92 | | 42.33 | |
| WOODSTOWN | E 2.53 | | 1.42 | | E 5.58 | | 1.80 | | 4.44 | | 4.41 | | 1.70 | | 1.55 | | 1.04 | | 2.74 | | 4.97 | | 2.39 | | E 34.57 | |
| DIVISION | 2.76 | -.69 | 1.12 | -1.87 | 5.48 | 1.39 | 1.66 | -1.79 | 5.59 | 1.81 | 5.17 | 1.55 | 2.53 | -1.84 | 2.83 | -2.23 | 1.05 | -2.74 | 2.86 | -.49 | 4.84 | 1.10 | 2.90 | -.36 | 38.79 | -6.16 |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 2.09 | -1.66 | 1.41 | -1.97 | 4.05 | .04 | 1.13 | -2.25 | 5.04 | 1.88 | 6.24 | 3.20 | 1.26 | -2.60 | 1.07 | -4.07 | 2.17 | -1.23 | 2.36 | -1.03 | 3.08 | -.71 | 3.85 | .37 | 33.75 | -10.03 |
| CAPE MAY 1 NW | 2.82 | | .94 | | 5.06 | | 1.47 | | 4.04 | | 3.30 | | E 2.43 | | 1.95 | | .94 | | 2.11 | | 3.32 | | 2.79 | | E 31.17 | |
| LONG BRANCH 2 N | 2.27 | -1.51 | 1.08 | -2.46 | 6.18 | 1.81 | 1.65 | -1.98 | 5.08 | 1.59 | 7.22 | 3.81 | 1.59 | -2.66 | 5.16 | -.09 | 1.49 | -2.43 | 2.90 | -.81 | 7.17 | 3.36 | 3.77 | .14 | 45.56 | -1.23 |
| DIVISION | 2.39 | -1.13 | 1.14 | -1.98 | 5.10 | 1.17 | 1.42 | -1.90 | 4.72 | 1.46 | 5.59 | 2.52 | 1.76 | -2.12 | 2.73 | -2.21 | 1.53 | -2.14 | 2.46 | -.84 | 4.52 | .93 | 3.47 | .13 | 36.83 | -6.11 |

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Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

Table 3

# TEMPERATURE EXTREMES AND FREEZE DATA

NEW JERSEY
1968

| Station | Highest | Date | Lowest | Date | Last spring minimum of | | | | | | | | | | First fall minimum of | | | | | | | | | | Number of days between dates | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 16° or below | | 20° or below | | 24° or below | | 28° or below | | 32° or below | | 32° or below | | 28° or below | | 24° or below | | 20° or below | | 16° or below | | 16° or below | 20° or below | 24° or below | 28° or below | 32° or below |
| | | | | | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 94 | 7-18+ | - 9 | 1-12 | 3- 8 | 16 | 3-14 | 19 | 3-15 | 21 | 4- 7 | 28 | 5- 7 | 32 | 10- 6 | 31 | 10-30 | 28 | 11-21 | 23 | 12- 1 | 18 | 12- 7 | 15 | 274 | 262 | 251 | 206 | 152 |
| BOONTON 1 SE | 95 | 7-18 | - 9 | 1-12 | 3- 4 | 14 | 3-15 | 18 | 3-15 | 18 | 4- 7 | 28 | 4- 8 | 29 | 10- 6 | 29 | 10-31 | 28 | 12- 1 | 19 | 12- 1 | 19 | 12-10 | 7 | 281 | 261 | 261 | 207 | 181 |
| CANOE BROOK | 98 | 7-18 | -12 | 1-12 | 3-14 | 16 | 3-15 | 19 | 3-16 | 22 | 4- 7 | 26 | 4-29 | 32 | 10- 6 | 32 | 10-30 | 28 | 11-26 | 24 | 12- 9 | 18 | 12-10 | 7 | 271 | 269 | 255 | 206 | 160 |
| CHARLOTTEBURG | 95 | 7-18 | - 6 | 1-12+ | 3-15 | 16 | 3-16 | 18 | 3-26 | 24 | 4- 7 | 28 | 4-30 | 32 | 10- 6 | 31 | 11- 1 | 28 | 12- 1 | 18 | 12- 1 | 18 | 12- 9 | 15 | 269 | 260 | 250 | 208 | 159 |
| ELIZABETH | 96 | 7-17+ | - 1 | 1- 9 | 3- 3 | 16 | 3-14 | 18 | 3-15 | 24 | 3-25 | 28 | 4- 7 | 31 | 10-31 | 32 | 11-21 | 26 | 12- 9 | 18 | 12- 9 | 18 | 12-10 | 8 | 282 | 270 | 269 | 241 | 207 |
| ESSEX FELLS SERV BLDG | 100 | 7-16 | - 6 | 1- 9 | 3- 4 | 14 | 3-14 | 18 | 3-15 | 21 | 4- 7 | 28 | - | | 10- 6 | 32 | 10-30 | 28 | 12- 1 | 20 | 12- 1 | 20 | 12-10 | 6 | 281 | 262 | 261 | 206 | - |
| FLEMINGTON 1 NE | 98 | 7-18 | - 9 | 1- 3+ | 3- 9 | 14 | 3-16 | 18 | 4- 2 | 23 | 4- 8 | 25 | 5- 9 | 30 | 10- 6 | 27 | 10- 6 | 27 | 11- 1 | 22 | 12- 1 | 18 | 12-10 | 8 | 276 | 260 | 213 | 181 | 150 |
| HIGH POINT PARK | 94 | 7- 2 | -18 | 2-11 | 3-24 | 14 | 3-25 | 18 | 3-25 | 18 | 4- 6 | 28 | 5- 7 | 32 | - | | - | | 11-13 | 24 | 11-21 | 19 | 12- 1 | 14 | 252 | 241 | 233 | - | - |
| JERSEY CITY | 96 | 7-16+ | 0 | 1- 9 | 2-24 | 16 | 3- 4 | 18 | 3-14 | 21 | 3-14 | 21 | 4- 6 | 32 | 11-21 | 31 | 12- 1 | 28 | 12- 9 | 15 | 12- 9 | 15 | 12- 9 | 15 | 289 | 280 | 270 | 262 | 229 |
| LAMBERTVILLE | 98 | 7-17 | - 4 | 1-12 | 3- 3 | 16 | 3- 8 | 18 | 3-15 | 21 | 4- 7 | 28 | 5- 7 | 31 | 10- 6 | 32 | 10-31 | 26 | 12- 1 | 21 | 12- 9 | 20 | 12-10 | 11 | 282 | 276 | 261 | 207 | 152 |
| LAYTON 2 | 95 | 7-18+ | -18 | 1-12+ | 3-15 | 16 | 3-25 | 20 | 4- 7 | 23 | 5- 8 | 28 | 5- 9 | 31 | 10- 5 | 31 | 10-29 | 27 | 10-31 | 24 | 12- 1 | 16 | 12- 1 | 16 | 261 | 251 | 207 | 174 | 149 |
| LITTLE FALLS | 99 | 7- 2 | - 2 | 1-12+ | 3- 3 | 15 | 3-14 | 20 | 3-15 | 23 | 3-15 | 23 | 4- 7 | 32 | 10-30 | 32 | 10-31 | 28 | 12- 1 | 22 | 12- 9 | 18 | 12-10 | 7 | 282 | 270 | 261 | 230 | 206 |
| LONG VALLEY | 94 | 7-18 | - 3 | 1-13+ | 3-15 | 14 | 3-16 | 18 | 4- 8 | 24 | 4-12 | 27 | 5- 9 | 29 | 10- 6 | 24 | 10- 6 | 24 | 10- 6 | 24 | 11- 1 | 20 | 12- 1 | 15 | 261 | 230 | 181 | 177 | 150 |
| MORRIS PLAINS 1 W | 96 | 7-18 | - 6 | 1- 2 | 3-14 | 16 | 3-15 | 19 | 3-26 | 24 | 4- 7 | 28 | 4-29 | 32 | 10- 6 | 30 | 10-31 | 27 | 12- 1 | 18 | 12- 1 | 18 | 12-10 | 6 | 271 | 261 | 250 | 207 | 160 |
| NEWARK WB AIRPORT | 98 | 7-16+ | 1 | 1- 9 | 2-22 | 10 | 3- 3 | 18 | 3-14 | 22 | 3-14 | 22 | 4- 6 | 32 | 11-20 | 32 | 11-21 | 28 | 12- 9 | 13 | 12- 9 | 13 | 12- 9 | 13 | 291 | 281 | 270 | 252 | 228 |
| NEWTON | 97 | 7-18 | -23 | 1-12 | 3- 8 | 14 | 3-15 | 18 | 3-26 | 24 | 4-17 | 28 | 5- 8 | 29 | 10- 6 | 26 | 10- 6 | 26 | 11- 1 | 22 | 12- 1 | 16 | 12- 1 | 16 | 268 | 261 | 220 | 172 | 151 |
| PATERSON | 100 | 7- 2 | - 1 | 1-11+ | 3- 4 | 16 | 3-14 | 20 | 3-15 | 22 | 3-15 | 22 | 4- 7 | 32 | 11-12 | 32 | 12- 1 | 27 | 12- 9 | 18 | 12- 9 | 18 | 12-10 | 7 | 281 | 270 | 269 | 261 | 219 |
| PHILLIPSBURG | 97 | 7-17 | - 3 | 1-12+ | 3- 3 | 15 | 3-14 | 20 | 3-15 | 22 | 4- 6 | 28 | 5- 7 | 31 | 10- 6 | 31 | 10-31 | 27 | 12- 1 | 21 | 12- 9 | 17 | 12-10 | 9 | 282 | 270 | 261 | 208 | 152 |
| PLAINFIELD | 98 | 7-17 | - 2 | 1-12+ | 3- 3 | 15 | 3-14 | 19 | 3-15 | 22 | 4- 7 | 28 | 4- 7 | 28 | 10- 6 | 32 | 10-31 | 28 | 11-21 | 24 | 12- 9 | 20 | 12-10 | 9 | 282 | 270 | 251 | 207 | 182 |
| SOMERVILLE | 98 | 7-17 | - 3 | 1- 2 | 3- 8 | 15 | 3-14 | 20 | 3-14 | 20 | 4- 7 | 26 | 4-28 | 32 | 10- 6 | 30 | 10-31 | 25 | 12- 1 | 21 | 12- 9 | 19 | 12-10 | 9 | 277 | 270 | 262 | 207 | 161 |
| SUSSEX 1 SE | 95 | 7-18 | -22 | 1-13+ | 3-15 | 16 | 3-16 | 18 | 4- 7 | 24 | 5- 8 | 27 | 5- 9 | 31 | 10- 6 | 23 | 10- 6 | 23 | 10- 6 | 23 | 11- 1 | 19 | 12- 1 | 14 | 261 | 230 | 182 | 151 | 150 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 99 | 7- 1 | 0 | 12-10+ | 3- 3 | 16 | 3-15 | 20 | 4- 7 | 23 | 4- 7 | 23 | 4-12 | 31 | 10- 6 | 28 | 10- 6 | 28 | 11-14 | 19 | 11-14 | 19 | 12- 7 | 10 | 279 | 244 | 221 | 182 | 177 |
| AUDUBON | 97 | 8-25+ | 5 | 1- 9 | 3- 3 | 14 | 3- 3 | 14 | 3-14 | 23 | 3-15 | 27 | 4- 7 | 30 | 11- 1 | 31 | 11-21 | 28 | 12- 7 | 24 | 12- 9 | 18 | 12-10 | 12 | 282 | 281 | 268 | 251 | 208 |
| BELLEPLAIN ST FOREST | 98 | 8-25 | - 1 | 2-22 | 3- 3 | 16 | 3-14 | 19 | 4- 7 | 21 | 4-12 | 28 | 5- 8 | 31 | 10- 6 | 30 | 10-31 | 24 | 10-31 | 24 | 12- 7 | 19 | 12-10 | 10 | 282 | 268 | 207 | 202 | 151 |
| BURLINGTON | 102 | 7- 1 | 2 | 1-10 | 3- 5 | 8 | 3- 5 | 8 | 3-14 | 24 | 3-15 | 26 | 4- 6 | 31 | 10- 6 | 31 | 11-23 | 28 | 12- 9 | 22 | 12-10 | 10 | 12-10 | 10 | 280 | 280 | 270 | 253 | 183 |
| CHATSWORTH | 97 | 7- 1 | - 6 | 1-12 | 3- 8 | 15 | 3-15 | 18 | 4- 7 | 22 | 4- 7 | 22 | 4-29 | 32 | 10- 6 | 27 | 10- 6 | 27 | 10-30 | 23 | 11-26 | 20 | 12- 7 | 12 | 274 | 256 | 206 | 182 | 160 |
| FREEHOLD | 97 | 7-18 | - 2 | 1- 2 | 3- 4 | 15 | 3-14 | 17 | 3-24 | 23 | 4- 7 | 26 | 4-12 | 30 | 10- 6 | 31 | 11- 1 | 28 | 12- 7 | 22 | 12- 9 | 19 | 12-10 | 8 | 281 | 270 | 258 | 208 | 177 |
| GLASSBORO | 97 | 7- 2 | 5 | 1- 2 | 3- 3 | 14 | 3-14 | 20 | 3-14 | 20 | 4- 7 | 28 | 4- 7 | 28 | 10-31 | 28 | 10-31 | 28 | 12- 1 | 24 | 12- 7 | 19 | 12-10 | 8 | 282 | 268 | 262 | 207 | 207 |
| HAMMONTON 2 NNE | 100 | 7- 1 | 2 | 1-12 | 2-23 | 11 | 3-14 | 20 | 3-14 | 20 | 4- 7 | 27 | 4- 7 | 27 | 10- 6 | 32 | 11-21 | 26 | - | | - | | - | | - | - | - | 228 | 182 |
| HIGHTSTOWN 1 N | 97 | 7-17 | - 3 | 1-12 | 3- 3 | 16 | 3-14 | 20 | 3-15 | 24 | 4- 7 | 28 | 4- 7 | 28 | 10- 6 | 31 | 11- 1 | 27 | 12- 1 | 23 | 12- 9 | 20 | 12-10 | 9 | 282 | 270 | 261 | 208 | 182 |
| INDIAN MILLS 2 W | 97 | 7-17+ | - 4 | 1-12+ | 3- 8 | 16 | 3-15 | 18 | 4- 7 | 21 | 4-12 | 28 | 5- 8 | 29 | 10- 5 | 29 | 10- 6 | 24 | 10- 6 | 24 | 10-31 | 19 | 12- 7 | 14 | 274 | 230 | 182 | 177 | 150 |
| MILLVILLE | 97 | 7- 2 | | - | - | | - | | 4- 7 | 24 | 4- 7 | 24 | 4-12 | 30 | 10-31 | 28 | 10-31 | 28 | 12- 6 | 16 | 12- 6 | 16 | 12- 6 | 16 | - | - | 243 | 207 | 202 |
| MILLVILLE FAA AIRPORT | 96 | 8-25+ | - 3 | 1- 2 | 2-27 | 12 | 3- 4 | 20 | 3-15 | 22 | 4- 7 | 25 | 4- 7 | 25 | 10-30 | 31 | 11-23 | 26 | 12- 7 | 21 | 12- 9 | 18 | 12-10 | 8 | 287 | 280 | 267 | 230 | 206 |
| MOORESTOWN | 98 | 8-25 | - 2 | 1-12 | 3- 3 | 15 | 3- 4 | 20 | 3-14 | 22 | 4- 6 | 28 | 4- 7 | 29 | 10- 6 | 30 | 11- 1 | 28 | 12- 1 | 22 | 12- 9 | 14 | 12- 9 | 14 | 281 | 280 | 262 | 209 | 182 |
| NEW BRUNSWICK | | - | | - | - | | - | | - | | - | | - | | 10-31 | 31 | 11-21 | 27 | 12- 9 | 20 | 12- 9 | 20 | 12-10 | 9 | - | - | - | - | - |
| NEW BRUNSWICK EXP STA | | - | | - | 3- 3 | 15 | 3-14 | 20 | 3-15 | 23 | 4- 7 | 28 | 4- 7 | 28 | - | | - | | - | | - | | - | | - | - | - | - | - |
| NEW MONMOUTH | 97 | 7-17 | | - | 2-27 | 16 | 3- 8 | 20 | 3-15 | 23 | 4- 7 | 28 | 4-12 | 32 | - | | - | | - | | - | | - | | - | - | - | - | - |
| PEMBERTON 3 E | 98 | 7-18+ | - 8 | 1-12 | 3- 3 | 8 | 3-14 | 20 | 4- 7 | 24 | 4- 7 | 24 | 5- 8 | 31 | 10- 6 | 28 | 10- 6 | 28 | 10-31 | 23 | 12- 7 | 20 | 12-10 | 10 | 282 | 268 | 207 | 182 | 151 |
| SEABROOK FARMS | 95 | 8-26+ | - 8 | 1- 2 | 3- 3 | 15 | 3- 4 | 17 | 3-14 | 22 | 4- 7 | 27 | 4- 7 | 27 | 10-31 | 28 | 10-31 | 28 | 12- 7 | 22 | 12-10 | 12 | 12-10 | 12 | 282 | 281 | 268 | 207 | 207 |
| SHILOH | 95 | 8-26+ | - 1 | 1- 2 | 2-25 | 16 | 3- 4 | 17 | 3-14 | 21 | 4- 7 | 28 | 4- 7 | 28 | 11- 1 | 31 | 11-21 | 28 | 12- 8 | 23 | 12-10 | 11 | 12-10 | 11 | 289 | 281 | 269 | 228 | 208 |
| TOMS RIVER | 99 | 7- 2 | - 6 | 1-12 | 3- 4 | 13 | 3-14 | 19 | 4- 7 | 23 | 4-11 | 26 | 4-18 | 32 | 10- 6 | 30 | 10-31 | 25 | 12- 7 | 20 | 12- 7 | 20 | 12-10 | 10 | 281 | 268 | 244 | 203 | 171 |
| TRENTON WB CITY | 97 | 7-17+ | 4 | 1- 9 | 2-22 | 11 | 3- 3 | 17 | 3-14 | 24 | 3-14 | 24 | 3-25 | 32 | 11-21 | 30 | 12- 7 | 27 | 12- 9 | 16 | 12- 9 | 16 | 12- 9 | 16 | 291 | 281 | 270 | 268 | 241 |
| TUCKERTON | 98 | 8-25+ | - 2 | 1-12 | 3- 3 | 16 | 3-14 | 19 | 4- 7 | 22 | 4- 7 | 22 | 4-12 | 29 | 10- 6 | 31 | 10-31 | 27 | 12- 7 | 17 | 12- 7 | 17 | 12-10 | 9 | 282 | 268 | 244 | 207 | 177 |
| WOODSTOWN | 97 | 7-17+ | - 2 | 1- 2 | 3- 3 | 13 | 3- 3 | 13 | 3-15 | 24 | 4- 7 | 26 | 4- 7 | 26 | 10- 6 | 32 | 10-31 | 26 | 12- 7 | 19 | 12- 7 | 19 | 12-10 | 11 | 282 | 279 | 267 | 207 | 182 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | 98 | 7- 1 | 9 | 1-12+ | 2-22 | 14 | 2-22 | 14 | 3-14 | 24 | 3-14 | 24 | 3-25 | 32 | 11-14 | 31 | 12- 7 | 28 | 12- 9 | 18 | 12- 9 | 18 | 12-10 | 15 | 292 | 291 | 270 | 268 | 234 |
| CAPE MAY 1 NW | 97 | 7- 2 | 8 | 1-12 | 2-22 | 16 | 3-14 | 17 | 6-26 | 22 | 6-26 | 22 | 6-26 | 22 | 11-20 | 32 | 12- 9 | 27 | 12-10 | 15 | 12-10 | 15 | 12-10 | 15 | 292 | 271 | 167 | 166 | 147 |
| LONG BRANCH 2 N | 95 | 7- 1 | 1 | 1- 9 | 2-22 | 9 | 3- 4 | 19 | 3-14 | 21 | 3-24 | 27 | 4- 7 | 32 | 11- 1 | 32 | 12- 7 | 27 | 12- 9 | 21 | 12-10 | 10 | 12-10 | 10 | 292 | 281 | 270 | 258 | 208 |

See Reference Notes Following Station Index

# SOIL TEMPERATURES

| Station and Depth | January Average | January Extremes | February Average | February Extremes | March Average | March Extremes | April Average | April Extremes | May Average | May Extremes | June Average | June Extremes | July Average | July Extremes | August Average | August Extremes | September Average | September Extremes | October Average | October Extremes | November Average | November Extremes | December Average | December Extremes | Annual Average | Annual Extremes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT I | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 IN. | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | 69.8 | 83/59 | 60.0 | 73/42 | 47.2 | 62/36 | 36.1 | 52/29 | - | - /- |
| 1 IN. | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | 70.8 | 82/56 | 77.1 | 85/68 | 77.6 | 93/60 | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- |
| 2 IN. | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | 70.4 | 80/60 | 76.4 | 84/68 | 76.3 | 87/63 | 69.4 | 78/60 | 60.0 | 71/45 | 47.6 | 59/39 | 36.8 | 51/32 | - | - /- |
| 4 IN. | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | 69.2 | 77/60 | 75.8 | 81/70 | 75.8 | 84/65 | 69.4 | 76/61 | 60.4 | 70/46 | 48.5 | 58/41 | 37.5 | 51/34 | - | - /- |
| 8 IN. | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | 68.4 | 74/58 | 74.6 | 78/70 | 75.2 | 80/69 | 69.6 | 73/65 | 61.6 | 68/51 | 49.5 | 56/43 | 39.3 | 50/35 | - | - /- |
| 16 IN. | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | 65.7 | 70/59 | 72.1 | 80/69 | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- |
| 20 IN. | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | 73.2 | 75/70 | 69.3 | 71/66 | 63.2 | 67/56 | 52.2 | 57/48 | 42.9 | 50/38 | - | - /- |
| 32 IN. | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | 63.0 | 67/57 | 67.7 | 71/59 | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- |
| 40 IN. | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | 70.9 | 73/69 | 68.7 | 70/67 | 64.1 | 67/60 | 54.9 | 60/51 | 46.9 | 52/42 | - | - /- |
| PLOT 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 IN. | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | 73.[illegible] | 96/53 | 83.2 | 108/60 | 82.5 | 98/61 | 75.1 | 92/53 | 59.4 | 84/36 | 46.0 | 63/35 | 35.3 | 54/25 | - | - /- |
| 2 IN. | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | 72.[illegible] | 92/55 | 81.9 | 103/61 | - | - /- | 71.3 | 85/55 | 59.4 | 81/37 | 46.1 | 62/33 | 35.4 | 52/26 | - | - /- |
| 4 IN. | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | 70.5 | 83/59 | 59.7 | 76/41 | 46.8 | 58/38 | 36.6 | 50/32 | - | - /- |
| 8 IN. | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | 70.1 | 80/61 | 78.3 | 87/68 | 76.2 | 85/68 | 70.3 | 83/64 | 60.7 | 71/47 | 48.2 | 55/41 | 38.3 | 49/35 | - | - /- |
| RUTGERS MICRO MET STA | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT # 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 IN. | 33.9 | 39/31 | 33.2 | 40/29 | 39.5 | 55/32 | 53.1 | 62/43 | 58.8 | 70/50 | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- |
| 2 IN. | 34.1 | 39/31 | 33.4 | 40/30 | 39.5 | 53/33 | 52.7 | 60/44 | 58.2 | 68/50 | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- |
| 4 IN. | 35.1 | 39/32 | 34.2 | 40/32 | 39.0 | 51/32 | 52.2 | 59/45 | 57.8 | 68/51 | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- |
| 8 IN. | 35.8 | 39/33 | 34.9 | 40/33 | 39.0 | 50/33 | 51.5 | 56/47 | 57.1 | 63/52 | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- |
| 16 IN. | 37.7 | 42/35 | 36.4 | 40/35 | 38.7 | 47/34 | 50.1 | 55/46 | 55.8 | 69/52 | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- |
| 32 IN. | 40.2 | 44/37 | 38.4 | 40/37 | 39.1 | 45/34 | 48.4 | 53/45 | 53.7 | 58/51 | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- |
| PLOT # 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 IN. | 33.8 | 51/28 | 33.1 | 48/19 | 45.2 | 71/27 | 59.3 | 93/35 | 62.7 | 85/41 | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- |
| 2 IN. | 33.9 | 49/30 | 32.9 | 46/21 | 44.5 | 67/30 | 58.5 | 89/37 | 61.8 | 82/42 | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- |
| 8 IN. | 35.4 | 42/34 | 34.2 | 42/30 | 42.5 | 64/33 | 55.[illegible] | 69/45 | 59.5 | 78/51 | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- | - | - /- |

MONTHLY AVERAGES ARE OBTAINED BY TAKING THE AVERAGE OF MAX AND MIN VALUES.

PLOT # 1 - SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS.

PLOT # 2 - SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN.

ABOVE DATA FOR TWO STATIONS ARE COMPATIBLE AND CAN BE COMBINED. NEW BRUNSWICK EXP STATION AND RUTGERS MICRO MET WERE CONSOLIDATED AT RUTGERS LOCATION AND RENAMED NEW BRUNSWICK. SOIL INSTRUMENTATION REMAINED IN SAME LOCATION.

Table 4

# TOTAL EVAPORATION AND WIND MOVEMENT

| Station | | | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annua |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN | 01 | | | | | | | | | | | | | | |
| CANOE BROOK | | EVAP | - | - | - | - | 4.15B | 5.99B | 5.30 | 5.88B | 3.99 | 1.95B | - | - | - |
| | | DEP | - | - | - | - | -.44 | 1.45 | .24 | 1.61 | .98 | -.02 | - | - | - |
| | | WIND | - | - | - | 1276 | 916B | 676B | 429 | 477 | 507 | 637 | 1008 | - | - |
| | | MAX | - | - | - | - | - | - | 91.6 | 89.3 | 80.7 | 66.3 | - | - | - |
| | | MIN | - | - | - | - | - | - | 66.1 | 63.5 | 57.8 | 48.6 | - | - | - |
| * * * SOUTHERN | 02 | | | | | | | | | | | | | | |
| NEW BRUNSWICK | | EVAP | - | - | - | - | - | 6.52B | 7.46 | 7.48B | 4.62 | 3.84B | - | - | - |
| | | WIND | - | - | - | - | - | 2106 | 1848 | 1748 | 1211 | 1928 | - | - | - |
| | | MAX | - | - | - | - | - | 81.3 | 89.6 | 87.1 | 81.9 | 68.2 | - | - | - |
| | | MIN | - | - | - | - | - | 61.5 | 66.7 | 65.0 | 59.2 | 48.7 | - | - | - |
| PEMBERTON 3 E | | EVAP | - | - | - | - | 3.72B | 5.64B | 5.66 | 4.94 | 3.65 | 2.45 | 1.40B | - | - |
| | | WIND | - | - | - | - | 1029 | 735 | 462 | 317 | 487 | - | 737 | - | - |
| RUTGERS MICRO-MET STA | | EVAP | - | - | - | 5.85 | 5.93B | - | - | - | - | - | - | - | - |
| | | WIND | - | - | - | 2655 | 2410 | - | - | - | - | - | - | - | - |
| | | MAX | - | - | - | 68.1 | - | - | - | - | - | - | - | - | - |
| | | MIN | - | - | - | 43.7 | - | - | - | - | - | - | - | - | - |
| SEABROOK FARMS | | EVAP | - | - | - | - | 5.40B | 7.13B | 7.57B | 6.97 | 5.37 | 3.66B | - | - | - |
| | | WIND | - | - | - | - | 1688 | 1422 | 1167 | 1347 | 1096 | 1400B | - | - | - |
| | | MAX | - | - | - | - | 73.3 | 87.3 | 92.2 | 90.1 | 82.7 | 70.5 | - | - | - |
| | | MIN | - | - | - | - | 50.6 | 62.0 | 68.4 | 66.2 | 59.6 | 49.4 | - | - | - |

# STATION INDEX

| Station | Index No. | Division No. | County | Drainage‡ | Latitude | Longitude | Elevation | Years of record: Temp. | Years of record: Precip. | Years of record: Evap. | Opened or closed during yr.: Month opened | Opened or closed during yr.: Month closed | Refer to tables |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | | | C |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | 11 | 11 | | | | 1 2 3 C |
| #ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | 95 | 95 | | | | 1 2 3 |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 16 | 19 | | | | 1 2 3 |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 22 | | | | 2 |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 74 | 74 | | | | 1 2 3 |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 | | 25 | | | | 2 |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 76 | 76 | | | | 1 2 3 |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 10 | | | | 2 |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 12 | | | | 2 |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 60 | 78 | | | | 1 2 3 |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 12 | | | | 2 |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 67 | | | | 2 |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 56 | 82 | | | | 1 2 3 |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 28 | | | | 2 |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 38 | 38 | 38 | | | 1 2 34 |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 22 | | | | 2 |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 43 | 80 | | | | 1 2 3 C |
| CEDAR GROVE | 1472 | 01 | ESSEX | 8 | 40 52 | 74 13 | 400 | | 28 | | | JUL | 2 |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | | | C |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 76 | 76 | | | | 1 2 3 |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 24 | 24 | | | | 1 2 3 |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 25 | | | | 2 |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 89 | 89 | | | | 1 2 3 |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 20 | 20 | | | | 1 2 3 C |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 71 | 82 | | | | 1 2 3 |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 22 | | | | 2 |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 64 | 64 | | | | 1 2 3 C |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 6 | 6 | | | | 1 2 3 C |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 28 | | | | 2 |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 36 | 62 | | | | 1 2 3 |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 12 | 12 | | | | 1 2 3 |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 72 | 75 | | | | 1 2 3 C |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON 0 | 7 | 39 48 | 74 47 | 100 | 78 | 79 | | | | 1 2 3 |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | 70 | 70 | | | | 1 2 3 |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 81 | 81 | | | | 1 2 3 |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 6 | 6 | | | | 1 2 3 |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 54 | 65 | | | | 1 2 3 C |
| LONG BRANCH 2 N | 4987 | 03 | MONMOUTH | 1 | 40 20 | 74 00 | 10 | 60 | 60 | | | | 1 2 3 |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 38 | 38 | | | | 1 2 3 |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 5[illegible] | 74 48 | 25 | | | | | | C |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 0[illegible] | 74 10 | 253 | | 12 | | | | 2 |
| MANVILLE | 5197 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 28 | | | | 2 |
| MARLBORO SCS | 5244 | 02 | MONMOUTH | 1 | 40 2[illegible] | 74 14 | 120 | | | | | | C |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 5[illegible] | 74 56 | 90 | | | | | | C |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | [illegible] | 39 27 | 74 45 | 20 | | 24 | | | | 2 |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 5[illegible] | 74 09 | 210 | | 22 | | | | 2 |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 2[illegible] | 75 03 | 7[illegible] | 1[illegible] | 28 | | | | 1 2 3 C |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 27 | 75 04 | 6[illegible] | 1[illegible] | 19 | | | | 1 2 3 |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 28 | | | | 2 |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | 105 | 105 | | | | 1 2 3 |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 23 | 27 | | | | 1 2 3 |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | 69 | 114 | | | | 1 2 3 C |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 1 | 1 | 1 | JUN | | 1 2 3ACG |
| NEW BRUNSWICK EXP STA | 6062 | 02 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | 111 | 114 | | | JUN | 1 2 3 |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | 50 | | | | 2 C |
| NEW MONMOUTH | 6154 | 02 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 8 | 8 | | | | 1 2 3 |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 85 | 85 | | | | 1 2 3 C |
| OAK RIDGE RESERVOIR | 6460 | 01 | PASSAIC | 8 | 41 02 | 74 30 | 880 | | 28 | | | | 2 |
| OLDWICK | 6544 | 01 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | | 12 | | | MAR | 2 |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 98 | 97 | | | | 1 2 3 |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 38 | 38 | 8 | | | 1 2 3A |
| PENNSAUKEN | 6863 | 02 | CAMDEN | 2 | 39 57 | 75 04 | 60 | | 5 | | | AUG | 2 |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 77 | 85 | | | | 1 2 3 |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 | | 29 | | | | 2 |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 77 | 80 | | | | 1 2 3 |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 1 | | MAR | | 2 |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | 20 | | | | 2 |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | 29 | | | | 2 C |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 28 | | | | 2 |
| RUTGERS MICRO-MET STA | 7831 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | | | 3 | | JUN | 4CG |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 6 | 6 | 6 | | | 1 2 34 |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 11 | 11 | | | | 1 2 3 |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 82 | 85 | | | | 1 2 3 |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 28 | | | | 2 |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | | | C |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 70 | 73 | | | | 1 2 3 |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9 | 47 | | | | 1 2 3 |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | 96 | 96 | | | | 1 2 3 C |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 68 | 73 | | | | 1 2 3 |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 28 | | | | 2 C |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | | | C |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 12 | | | | 2 |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 10 | | | | 2 |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | 50 | | | | 2 C |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 20 | 30 | | | | 1 2 3 |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN 11-ROCKAWAY

## CHANGES IN STATION NAME

| NEW NAME | FORMER NAME | DATE - 1968 |
|---|---|---|
| CAPE MAY 1 NW | CAPE MAY 3 W | OCTOBER 24 |

## RELOCATION AND CHANGES OF EQUIPMENT

| | | |
|---|---|---|
| CAPE MAY 1 NW | EQUIPMENT MOVED 2.2 MILES ESE | OCTOBER 24 |
| LITTLE FALLS | EQUIPMENT MOVED 1/4 MILE SE | OCTOBER 2 |
| MILLVILLE | EQUIPMENT MOVED .5 MILE N | APRIL 1 |

# REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey, 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min in Evaporation and Wind table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

NORMALS for all stations are climatological normals based on the period 1931-1960. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12SSW, indicate distance in miles and direction from the post office.

DELAYED DATA AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| - | No record. |
| + | Also on earlier date (dates) or months. |
| * | Amount included in following measurement. |
| // | Gage is equipped with a windshield. |
| B | Adjusted to a full month. |
| E | Amount is wholly or partially estimated. |
| M | One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record. |
| R | Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.) |
| T | Trace, an amount too small to measure. |
| V | Includes total for previous month. V in annual column means total is for a two-year period. |

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

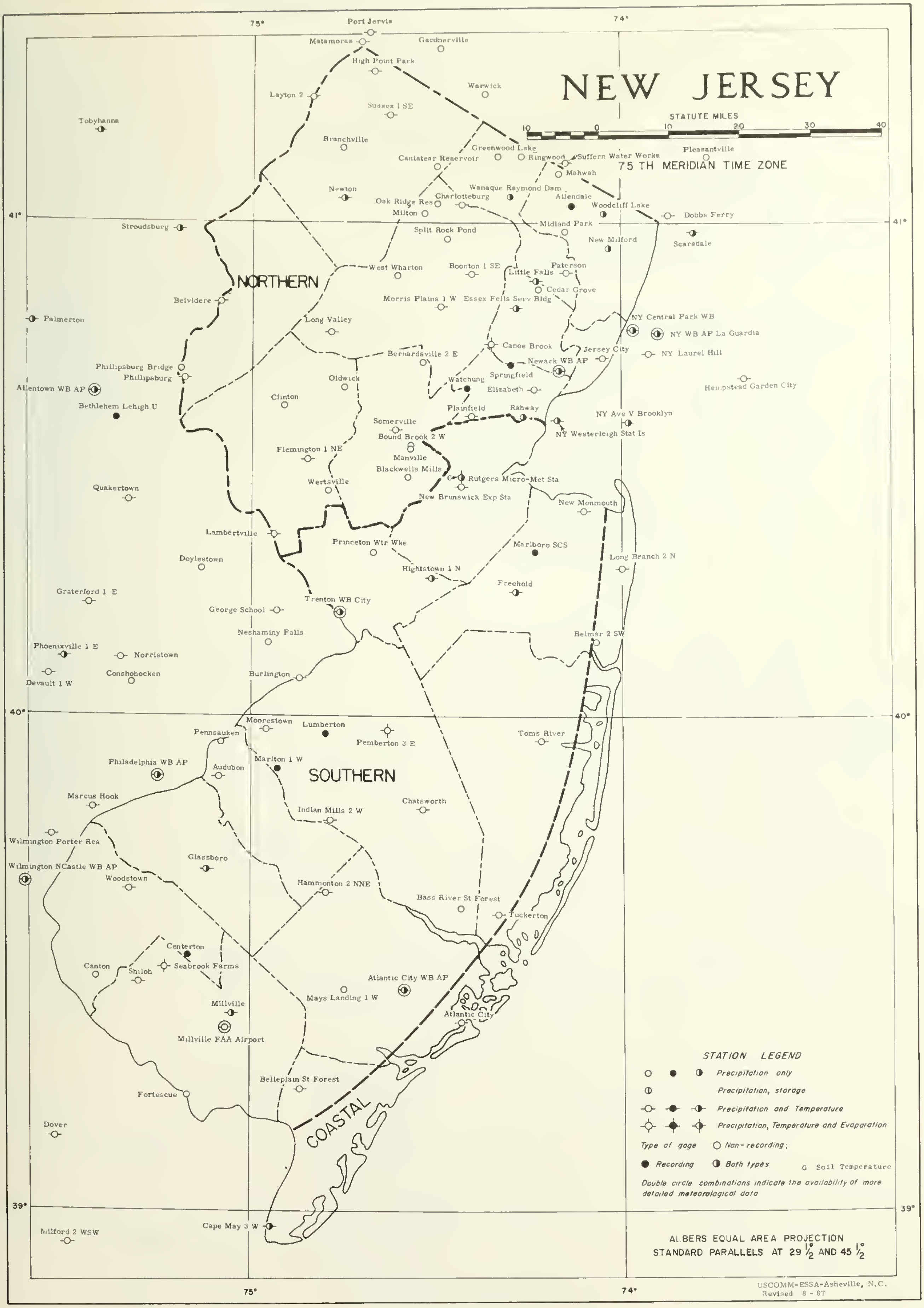
| | |
|---|---|
| # | Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building. |
| C | Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the annual issue of Hourly Precipitation Data. |
| G | Soil temperatures published. |

Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this State. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-3/12/69-980


NEW JERSEY
STATUTE MILES
10 0 10 20 30 40
75 TH MERIDIAN TIME ZONE
75°
74°
41°
40°
39°
NORTHERN
SOUTHERN
COASTAL
Port Jervis
Matamoras
Gardnerville
High Point Park
Layton 2
Warwick
Sussex 1 SE
Tobyhanna
Branchville
Greenwood Lake
Canistear Reservoir
Ringwood
Suffern Water Works
Pleasantville
Mahwah
Newton
Wanaque Raymond Dam
Charlotteburg
Allendale
Oak Ridge Res
Milton
Woodcliff Lake
Dobbs Ferry
Stroudsburg
Midland Park
Split Rock Pond
New Milford
Scarsdale
West Wharton
Boonton 1 SE
Paterson
Little Falls
Cedar Grove
Belvidere
Morris Plains 1 W
Essex Fells Serv Bldg
Palmerton
Long Valley
NY Central Park WB
NY WB AP La Guardia
Canoe Brook
Jersey City
NY Laurel Hill
Bernardsville 2 E
Newark WB AP
Phillipsburg Bridge
Phillipsburg
Springfield
Watchung
Hempstead Garden City
Allentown WB AP
Oldwick
Elizabeth
Clinton
Bethlehem Lehigh U
Plainfield
Rahway
NY Ave V Brooklyn
Somerville
NY Westerleigh Stat Is
Bound Brook 2 W
Flemington 1 NE
Manville
Blackwells Mills
Rutgers Micro-Met Sta
Wertsville
Quakertown
New Brunswick Exp Sta
New Monmouth
Lambertville
Princeton Wtr Wks
Marlboro SCS
Doylestown
Long Branch 2 N
Hightstown 1 N
Freehold
Graterford 1 E
Trenton WB City
George School
Neshaminy Falls
Belmar 2 SW
Phoenixville 1 E
Norristown
Conshohocken
Devault 1 W
Burlington
Moorestown
Lumberton
Pennsauken
Pemberton 3 E
Toms River
Philadelphia WB AP
Audubon
Marlton 1 W
Marcus Hook
Chatsworth
Indian Mills 2 W
Wilmington Porter Res
Glassboro
Wilmington NCastle WB AP
Woodstown
Hammonton 2 NNE
Bass River St Forest
Tuckerton
Centerton
Canton
Shiloh
Seabrook Farms
Atlantic City WB AP
Mays Landing 1 W
Millville
Atlantic City
Millville FAA Airport
Belleplain St Forest
Fortescue
Dover
Milford 2 WSW
Cape May 3 W
STATION LEGEND
○ ● ◑ Precipitation only
⦶ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
-○- -●- -◑- Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording;
● Recording ◑ Both types
G Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
USCOMM-ESSA-Asheville, N.C.
Revised 8 - 67

551.05
UNN-J

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
JANUARY 1969
Volume 74 No. 1

## CLIMATOLOGICAL DATA

| Station | Temperature |  |  |  |  |  |  |  |  |  |  |  |  | Precipitation |  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  | No. of Days |  |  |  |  |  |  |  | Snow, Sleet |  |  | No. of Days |  |  |
|  |  |  |  |  |  |  |  |  |  | Max. |  | Min. |  |  |  |  |  |  |  |  |  |  |  |
|  | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BELVIDERE | 34.7 | 18.4 | 26.6 | - 3.3 | 48 | 23 | 3 | 5 | 1184 | 0 | 11 | 28 | 0 | 1.39 | - 2.24 | .42 | 24 | 1.6 | 1 | 11+ | 4 | 0 | 0 |
| BOONTON 1 SE | 34.2 | 19.1 | 26.7 | - 2.2 | 48 | 23 | 4 | 28 | 1179 | 0 | 14 | 27 | 0 | 1.85 | - 1.39 | .65 | 24 | 1.5 | 2 | 7 | 5 | 1 | 0 |
| CANOE BROOK | 35.8 | 18.0 | 26.9 | - 2.1 | 47 | 23 | 5 | 12 | 1176 | 0 | 9 | 29 | 0 | 1.76 | - 1.90 | .72 | 24 | 1.8 | 2 | 7 | 5 | 1 | 0 |
| CHARLOTTEBURG | 32.2 | 17.1 | 24.7 | - 3.9 | 47 | 23 | 2 | 29+ | 1245 | 0 | 16 | 29 | 0 | 1.79 | - 1.88 | .55 | 31 | 1.8 | 1 | 7 | 5 | 2 | 0 |
| ELIZABETH | 39.8M | 23.4 | 31.6M | - 1.2 | 48 | 24+ | 10 | 28 | 1025 | 0 |  | 23 | 0 | .87 | - 3.10 | .40 | 30 | .0 | 0 |  | 3 | 0 | 0 |
| ESSEX FELLS SERV BLDG | 34.3 | 20.4 | 27.4 |  | 46 | 23 | 6 | 28 | 1160 | 0 | 12 | 28 | 0 | 2.30 |  | .78 | 24 | 2.4 | 2 | 7 | 6 | 1 | 0 |
| FLEMINGTON 1 NE | 34.9 | 18.0 | 26.5 | - 5.0 | 47 | 23 | 3 | 1 | 1190 | 0 | 11 | 26 | 0 | 1.98 | - 1.34 | .69 | 24 | 2.0 | 2 | 8+ | 7 | 1 | 0 |
| HIGH POINT PARK | 31.0M | 9.5M | 20.3M |  | 41 | 30+ | - 5 | 29 | 1378 | 0 |  |  |  |  |  | 1.20 | 24 |  | 0 |  |  |  | 1 |
| JERSEY CITY | 36.3 | 25.4 | 30.9 | - 1.6 | 46 | 31+ | 10 | 28 | 1051 | 0 | 8 | 26 | 0 | 1.35 | - 2.02 | .62 | 30 | T | 0 |  | 4 | 1 | 0 |
| LAMBERTVILLE | 37.7 | 22.4 | 30.1 | - 1.6 | 50 | 22 | 8 | 28+ | 1075 | 0 | 7 | 26 | 0 | 2.18 | - 1.16 | .69 | 24 | 3.0 | 2 | 7 | 7 | 1 | 0 |
| LAYTON 2 | 32.0 | 13.1 | 22.6 |  | 48 | 23 | - 2 | 5 | 1308 | 0 | 16 | 31 | 4 | 1.51 |  | .55 | 31 | 1.4 | 3 | 9+ | 4 | 1 | 0 |
| LITTLE FALLS | 35.8 | 21.5 | 28.7 | - 2.4 | 48 | 31+ | 7 | 28 | 1117 | 0 | 11 | 27 | 0 | 1.91 | - 1.74 | .71 | 24 | 1.8 | 2 | 7 | 5 | 1 | 0 |
| LONG VALLEY | 33.5 | 14.5 | 24.0 |  | 49 | 23 | 1 | 28+ | 1263 | 0 | 14 | 30 | 0 | 1.84 | - 1.70 | .62 | 24 | 2.0 | 0 |  | 6 | 1 | 0 |
| MORRIS PLAINS 1 W | 34.4 | 18.4 | 26.4 |  | 47 | 23 | 5 | 28+ | 1191 | 0 | 12 | 28 | 0 | 2.06 |  | .83 | 24 | 2.0 | 2 | 8+ | 5 | 1 | 0 |
| NEWARK WB AIRPORT R | 37.7 | 24.9 | 31.3 | - 1.0 | 48 | 23 | 10 | 28 | 1039 | 0 | 8 | 23 | 0 | 1.47 | - 1.86 | .44 | 30 | 1.1 | 1 | 9+ | 5 | 0 | 0 |
| NEWTON | 32.2 | 15.9 | 24.1 | - 3.4 | 44 | 31+ | 2 | 5 | 1263 | 0 | 15 | 30 | 0 | 1.67 | - 1.37 | .51 | 31 | .8 | 1 | 7 | 4 | 1 | 0 |
| PATERSON | 36.7 | 23.0 | 29.9 | - 1.7 | 48 | 23+ | 7 | 28 | 1082 | 0 | 10 | 26 | 0 | .55 | - 3.05 | .30 | 7 | 1.8 | 0 |  | 2 | 0 | 0 |
| PHILLIPSBURG | 38.0 | 21.6 | 29.8 | - .7 | 52 | 22 | 7 | 28 | 1082 | 0 | 5 | 27 | 0 | 1.56 | - 2.12 | .53 | 30 | 1.0 | 1 | 7 | 5 | 1 | 0 |
| PLAINFIELD | 36.0 | 23.3 | 29.7 | - 2.2 | 48 | 31 | 8 | 28 | 1088 | 0 | 10 | 26 | 0 | 1.71 | - 1.90 | .65 | 24 | 2.0 | 2 | 8+ | 5 | 1 | 0 |
| SOMERVILLE | 37.1 | 21.7 | 29.4 | - 1.9 | 49 | 22 | 5 | 5 | 1093 | 0 | 8 | 26 | 0 | 2.23 | - 1.04 | .80 | 24 | 2.5 | 2 | 8+ | 6 | 1 | 0 |
| SUSSEX 1 SE | 32.0 | 12.9 | 22.5 | - 5.2 | 42 | 23 | - 1 | 5 | 1310 | 0 | 17 | 31 | 3 | 1.88 | - 1.49 | .68 | 24 | 2.8 | 1 | 8+ | 4 | 1 | 0 |
| DIVISION |  |  | 27.1 | - 3.1 |  |  |  |  |  |  |  |  |  | 1.69 | - 1.78 |  |  | 1.7 |  |  |  |  |  |
| * * * SOUTHERN 02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY WB AP | 39.5 | 21.1 | 30.3 | - 4.5 | 55 | 31 | 1 | 28 | 1068 | 0 | 9 | 24 | 0 | 1.68 | - 1.88 | .88 | 23 | .5 | T | 9+ | 3 | 1 | 0 |
| AUDUBON | 38.7 | 24.6 | 31.7 |  | 49 | 31+ | 11 | 28 | 1024 | 0 | 8 | 22 | 0 | 2.35 |  | .80 | 23 | 3.0 | 3 | 7 | 8 | 1 | 0 |
| BELLEPLAIN ST FOREST | 40.4 | 22.7 | 31.6 |  | 52 | 31 | 3 | 6 | 1026 | 0 | 4 | 23 | 0 | 2.07 | - 1.40 | .66 | 21 | 2.5 | 2 | 7 | 5 | 1 | 0 |
| BURLINGTON | 39.0M | 23.6M | 31.3M | - 2.9 | 47 | 25+ | 11 | 28 | 1036 | 0 |  | 23 | 0 | 3.73 | .46 | 1.75 | 7 |  |  |  | 6 | 3 | 1 |
| CHATSWORTH | 39.7 | 20.3 | 30.0 |  | 52 | 31 | 5 | 6 | 1079 | 0 | 7 | 22 | 0 | 2.38 |  | 1.05 | 24 | .0 | 0 |  | 6 | 1 | 1 |
| FREEHOLD | 35.1 | 21.3 | 28.2 | - 4.5 | 48 | 19 | 9 | 6 | 1131 | 0 | 13 | 26 | 0 | 2.00 | - 1.58 | 1.11 | 24 | 1.5 | 2 | 7 | 4 | 1 | 1 |
| GLASSBORO | 38.1 | 21.3 | 29.7 |  | 51 | 31 | 3 | 6 | 1087 | 0 | 8 | 26 | 0 | 2.17 |  | .71 | 23+ | .2 | T | 7 | 5 | 2 | 0 |
| HAMMONTON 2 NNE | 38.7 | 21.7 | 30.2 | - 4.0 | 51 | 10 | 9 | 28+ | 1070 | 0 | 8 | 25 | 0 | 2.72 | - .85 | 1.05 | 24 |  |  |  | 9 | 1 | 1 |
| HIGHTSTOWN 1 N | 37.0 | 22.5 | 29.8 | - 2.6 | 47 | 31+ | 8 | 6+ | 1085 | 0 | 8 | 25 | 0 | 2.38 | - .84 | 1.35 | 24 | 3.0 | 2 | 8+ | 6 | 1 | 1 |
| INDIAN MILLS 2 W | 38.1 | 21.0 | 29.6 | - 3.7 | 51 | 31 | 3 | 6 | 1091 | 0 | 8 | 23 | 0 | 2.77 | - .85 | 1.01 | 24 | 2.1 | 1 | 8+ | 7 | 2 | 1 |
| MILLVILLE | 39.0 | 20.9 | 30.0 |  | 53 | 31 | 4 | 2 | 1080 | 0 | 7 | 25 | 0 | 2.43 |  | .60 | 21 | 2.8 | 3 | 7 | 8 | 2 | 0 |
| MILLVILLE FAA AIRPORT | 39.1 | 23.9 | 31.5 |  | 53 | 31 | 9 | 6 | 1033 | 0 | 7 | 25 | 0 | 2.35 |  | .63 | 21 | 2.0 | 1 | 7 | 8 | 2 | 0 |
| MOORESTOWN | 36.1 | 22.7 | 29.4 | - 3.6 | 49 | 31 | 9 | 28 | 1094 | 0 | 12 | 26 | 0 | 2.34 | - .78 | .96 | 23 | 3.0 | 3 | 7 | 5 | 2 | 0 |
| NEW BRUNSWICK | 35.4 | 21.7 | 28.6 |  | 48 | 19 | 8 | 28 | 1125 | 0 | 11 | 26 | 0 | 1.56 |  | .68 | 23 | 2.5 | 3 | 7 | 5 | 1 | 0 |
| NEW MONMOUTH |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PEMBERTON 3 E | 37.8 | 21.9 | 29.9 | - 4.0 | 51 | 31 | 7 | 6 | 1082 | 0 | 9 | 24 | 0 | 2.28 | - 1.02 | .96 | 24 | 2.0 | 2 | 7 | 5 | 1 | 0 |
| SEABROOK FARMS | 37.2 | 22.5 | 29.9 |  | 50 | 31 | 11 | 6 | 1081 | 0 | 10 | 26 | 0 | 2.57 |  | .74 | 23 | 3.0 |  |  | 8 | 1 | 0 |
| SHILOH | 39.1 | 22.8 | 31.0 | - 3.3 | 51 | 31 | 11 | 5 | 1045 | 0 | 6 | 25 | 0 | 1.90 | - 1.58 | .53 | 21 | .0 | 0 |  | 8 | 2 | 0 |
| TOMS RIVER | 37.3 | 21.5 | 29.4 |  | 53 | 19 | 5 | 6 | 1094 | 0 | 10 | 24 | 0 | 2.66 |  | 1.31 | 24 | T | 0 |  | 5 | 1 | 1 |
| TRENTON WB CITY R | 37.1 | 25.5 | 31.3 | - 1.8 | 49 | 31 | 11 | 28 | 1036 | 0 | 10 | 23 | 0 | 2.38 | - .72 | .88 | 23 | 2.4 | 2 | 8+ | 5 | 2 | 0 |
| TUCKERTON | 38.9 | 21.8 | 30.4 |  | 52 | 31 | 5 | 6 | 1064 | 0 | 7 | 23 | 0 | 2.75 |  | .83 | 24 | 1.5 | 1 | 7 | 6 | 2 | 0 |
| WOODSTOWN | 38.6 | 22.2 | 30.4 |  | 50 | 31 | 2 | 2 | 1064 | 0 | 7 | 23 | 0 | 2.04 |  | .52 | 23 | 2.0 | 2 | 8+ | 7 | 2 | 0 |
| DIVISION |  |  | 30.2 | - 3.2 |  |  |  |  |  |  |  |  |  | 2.36 | - 1.09 |  |  | 1.8 |  |  |  |  |  |
| * * * COASTAL 03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY R | 38.5 | 26.3 | 32.4 | - 3.6 | 53 | 31 | 16 | 28+ | 1005 | 0 | 7 | 23 | 0 | 2.24 | - 1.51 | .86 | 23 |  |  |  | 6 | 2 | 0 |
| CAPE MAY 1 NW | 37.7 | 25.5M | 31.6M |  | 54 | 31 | 13 | 28+ | 1021 | 0 | 10 | 22 | 0 | 3.81 |  | 1.09 | 20 | .5 | T | 8 | 8 | 3 | 1 |
| LONG BRANCH 2 N | 37.5 | 23.8 | 30.7 | - 2.3 | 51 | 19 | 10 | 6 | 1053 | 0 | 9 | 23 | 0 | 1.34 | - 2.44 | .31 | 30 | .8 | 1 | 7 | 5 | 0 | 0 |
| DIVISION |  |  | 31.6 | - 2.9 |  |  |  |  |  |  |  |  |  | 2.46 | - 1.06 |  |  | .7 |  |  |  |  |  |

## EXTREMES

|  |  |  |  |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>ATLANTIC CITY WB AP | 55 | DATE | 31 |
| LOWEST TEMPERATURE<br>HIGH POINT PARK | - 5 | DATE | 29 |
| GREATEST TOTAL PRECIPITATION<br>CAPE MAY 1 NW | 3.81 |  |  |
| LEAST TOTAL PRECIPITATION<br>PATERSON | .55 |  |  |
| GREATEST 1 DAY PRECIPITATION<br>BASS RIVER ST FOREST | 1.90 | DATE | 24 |
| GREATEST TOTAL SNOWFALL<br>6 STATIONS | 3.0 |  |  |
| GREATEST DEPTH OF SNOW<br>GREENWOOD LAKE | 5 | DATE | 12+ |

See Reference Notes Following Station Index

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# DAILY PRECIPITATION

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 1.39 | .02 | | | | | | .07 | T | T | | | | | | | | | | .17 | | | | T | .42 | .04 | | T | | T | .38 | .29 |
| BERNARDSVILLE 2 E | 2.33 | .09 | | | | | | .17 | .03 | | | | | | | | | | | .06 | | | | .22 | 1.08 | .09 | | | | .02 | .14 | .43 |
| BLACKWELLS MILLS | 1.55 | | | | | | .15 | .06 | | .02 | | | | | | | | | | .05 | | | | .15 | .98 | .08 | | | | .04 | | .02 |
| BOONTON 1 SE | 1.85 | .09 | | | T | | | .18 | | T | | | | | | | | | T | .03 | | | | .11 | .65 | .06 | | | | .02 | .25 | .46 |
| BOUND BROOK 2 W | 1.95 | .06 | | | | | | .08 | | | | | | | | | | | | .08 | | | | .28 | .94 | .03 | | | | .04 | .13 | .31 |
| BRANCHVILLE | 1.50 | .06 | | | | | | .05 | .01 | | | | | | | | | | | .04 | | | | .03 | .40 | .06 | | | | T | .33 | .52 |
| CANISTEAR RESERVOIR | 1.87 | .04 | | | | | | .24 | .02 | T | | | | T | | | | | | .11 | | | | .08 | .58 | .02 | | | | .05 | .24 | .49 |
| CANOE BROOK | 1.76 | .09 | | | T | | | .16 | T | T | | | | | | | | | | .02 | | | | .12 | .72 | .08 | | | | T | .20 | .37 |
| CHARLOTTEBURG | 1.79 | .06 | | | | | | .20 | T | T | | | | T | | | | | | .03 | | | | .06 | .51 | .11 | | | | .02 | .25 | .55 |
| CLINTON | .88 | | | | | | | | | | | | | | | | | | | .12 | | | | T | .15 | .03 | | | | T | .23 | .35 |
| ELIZABETH | .87 | .14 | | | | | | | | | | | | | | | | | .05 | .01 | | | | .15 | | T | | | | .05 | .40 | .07 |
| ESSEX FELLS SERV BLDG | 2.30 | .05 | .35 | | | | | .27 | | T | | | | | | | | | | | | | | .11 | .78 | .02 | | | | .04 | .35 | .33 |
| FLEMINGTON 1 NE | 1.98 | .02 | | | | | | .12 | T | T | | | | | | | | | T | .12 | | | T | .33 | .69 | .12 | | T | | T | .20 | .38 |
| GREENWOOD LAKE | 2.13 | .06 | | | | | | .20 | .02 | | | | | | | | | | | .07 | | | | .08 | .68 | .15 | | | | T | .25 | .62 |
| HIGH POINT PARK | - | | | | | | | - | | | | | | - | | | | - | - | | | | | | 1.20 | .20 | | | | | .03 | .70 |
| JERSEY CITY | 1.35 | | | T | | | .02 | .09 | | T | | | | | | | | | .05 | T | | | | .17 | .24 | | | | | .16 | .62 | |
| LAMBERTVILLE | 2.18 | .10 | | | | | | .17 | | | | | | | | | | | .10 | .02 | | .01 | | .48 | .69 | .03 | | | | .20 | .34 | .04 |
| LAYTON 2 | 1.51 | .03 | | | T | | | .03 | T | T | | | | T | T | | | | | .05 | | | | T | .32 | .16 | | | | T | .37 | .55 |
| LITTLE FALLS | 1.91 | .10 | | | | | | .18 | T | .01 | | | | | | | | | | .02 | | | | .08 | .71 | .06 | | | | .03 | .31 | .41 |
| LONG VALLEY | 1.84 | .03 | | | | | | .12 | .08 | | | | | | | | | | | .12 | | | | .17 | .62 | .06 | | | | .02 | .23 | .39 |
| MAHWAH | 1.69 | .07 | | | | | | .22 | .03 | | T | | | | | | | | | .05 | | | | .03 | .46 | .08 | | | | .02 | .26 | .47 |
| MANVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MIDLAND PARK | 1.87 | | | | | | .17 | .09 | | | | | | | | | | | .03 | | | | | .21 | .50 | | | | | .09 | .77 | .01 |
| MILTON | 2.23 | .04 | | | | | | .25 | | | | | | | .02 | | | | | .10 | | | | .11 | .74 | .07 | | | | | .41 | .49 |
| MORRIS PLAINS 1 W | 2.06 | .08 | | | T | | | .19 | .02 | T | | | | T | T | | | | T | .06 | | | | .14 | .83 | .09 | | T | T | .02 | .15 | .48 |
| NEWARK WB AIRPORT R | 1.47 | T | | T | | | .04 | .12 | | .01 | | | | | | | | T | .05 | T | | | T | .20 | .43 | | | | | .13 | .44 | .05 |
| NEW MILFORD | 1.47 | .02 | | | | | .14 | .08 | | | | | | | | | | | .03 | | | | | .18 | .32 | | | | | .08 | .56 | .06 |
| NEWTON | 1.67 | .07 | | | | | | .07 | T | | | | | | | | | | | .10 | | | | .07 | .43 | .08 | | | | .04 | .30 | .51 |
| OAK RIDGE RESERVOIR | 1.99 | .04 | | | | | | .18 | .03 | T | | | | T | | | | | | .10 | | | | .06 | .71 | .02 | | | | .06 | .26 | .53 |
| PATERSON | .55 | .04 | | | T | | | .30 | | T | | | | | | | | | T | .03 | | | | .03 | | .02 | | | | T | .10 | .03 |
| PHILLIPSBURG | 1.56 | .05 | | | | | | .11 | | | | | | | | | | | .19 | | | | | .02 | .45 | .03 | | | | .05 | .53 | .13 |
| PHILLIPSBURG BRIDGE | 1.57 | .05 | | | | | | | .13 | | | | | | | | | | | .23 | | | | T | .44 | .04 | | | | T | .27 | .41 |
| PLAINFIELD | 1.71 | | | T | | | | .20 | | T | | | | T | | | | | .09 | | | | | .20 | .65 | | | T | | .10 | .38 | .09 |
| POTTERSVILLE 2 NNW | 2.11 | .08 | | | | | | .14 | | | | | | | | | | | | .12 | | | | .14 | .85 | .05 | | | | .03 | .17 | .53 |
| RAHWAY | 1.28 | | | | | | .04 | .06 | T | T | | | | | | | | | .04 | T | | | | .28 | .35 | | | | | .10 | .39 | .02 |
| RINGWOOD | 1.80 | .06 | | | | | | .20 | | T | | | | | | | | | | .04 | | | | .13 | .63 | .02 | | | | .06 | .42 | .24 |
| SOMERVILLE | 2.23 | | | | | | | .26 | | | | | | | | | | | .12 | | | | | .47 | .80 | .03 | T | | | .14 | .37 | .04 |
| SPLIT ROCK POND | 1.96 | .11 | | | | | | .13 | .12 | | | | | | | | | | | .06 | | | | .11 | .62 | .05 | | | | .05 | .32 | .39 |
| SUSSEX 1 SE | 1.88 | .08 | | | | | | .11 | .03 | .01 | | | | T | | | | | | .02 | | | | .07 | .68 | .07 | | | | .03 | .33 | .45 |
| WANAQUE RAYMOND DAM | 1.61 | .05 | | | | | | .10 | | T | | | | | | | | | | .02 | | | | .06 | .54 | .08 | | | | T | .36 | .40 |
| WERTSVILLE | 2.36 | .06 | | | | | | .18 | .02 | T | | | | | | | | | T | .06 | | T | | .36 | 1.11 | .05 | | | | .07 | .17 | .28 |
| WEST WHARTON | 2.10 | T | | | | | | .19 | .02 | | | | | T | | | | | | .10 | | | | .10 | .90 | .05 | | | | .03 | .17 | .54 |
| WOODCLIFF LAKE | 1.72 | .02 | | | | | .14 | .09 | | | | | | | | | | | .03 | | | | | .15 | .45 | | | | | .09 | .72 | .03 |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 1.68 | | | | | | T | .04 | | .01 | | | | | | | | | T | .07 | T | .21 | .21 | .88 | .09 | | | | | .09 | .08 | |
| AUDUBON | 2.35 | | | | | | T | .15 | | .12 | | | | | | | | | .19 | | | .33 | | .80 | .33 | | T | | | .18 | .25 | |
| BASS RIVER ST FOREST | 3.23 | | | | | | | .03 | .04 | .01 | | | | | | | | | | | | .24 | .22 | .46 | 1.90 | | | | | .03 | .14 | .16 |
| BELLEPLAIN ST FOREST | 2.07 | .46 | | | | | | .15 | | .02 | | | | | | | | | .05 | .26 | | .66 | .01 | .35 | .02 | | | | | T | .09 | |
| BURLINGTON | 3.73 | | | | | | | 1.75 | | | | | | | | | | | .14 | | | .02 | .01 | .87 | .55 | | | | | .19 | .20 | |
| CANTON | 1.61 | | | | | | | .20 | | | | | | | | | | | | .24 | | .40 | .06 | .20 | .19 | | | | | .13 | | .19 |
| CHATSWORTH | 2.38 | | | | | | | .20 | | .04 | | | | | | | | | | .03 | | .23 | | .44 | 1.05 | | | | | .19 | .20 | |
| FORTESCUE | 1.93 | .57 | | | | | | .15 | | | | | | | | | | | | .14 | | .40 | | .60 | .07 | | | | | | | |
| FREEHOLD | 2.00 | | | | | | | .09 | .02 | .01 | | | | | | | | | | .03 | | | | .22 | 1.11 | .03 | | | | .04 | .25 | .20 |
| GLASSBORO | 2.17 | | | | | | | .02 | T | | | | | | | | | | .21 | | T | .71 | T | .71 | .16 | | | | T | .36 | T | |
| HAMMONTON 2 NNE | 2.72 | .20 | | | | | | .11 | | .01 | | | | | | | | | | .10 | | .18 | .36 | .44 | 1.05 | | | | | .12 | .15 | |
| HIGHTSTOWN 1 N | 2.38 | .10 | | | | | | .10 | | .01 | | | | | | | | T | .09 | | | T | | .28 | 1.35 | .01 | T | | | .16 | .27 | .01 |
| INDIAN MILLS 2 W | 2.77 | .17 | | | | | | .18 | | .02 | | | | | | | | | .06 | .04 | | .38 | T | .56 | 1.01 | T | | | | .16 | .19 | T |
| MAYS LANDING 1 W | 2.64 | .34 | | | | | | .06 | .02 | T | | | | | | | | | .12 | .02 | | .46 | .20 | .47 | .65 | T | | | | .06 | .11 | .13 |
| MILLVILLE | 2.43 | .28 | | | | | | .13 | | | | | | | | | | | | .26 | | .60 | .10 | .50 | .17 | T | | | | .03 | .27 | .09 |
| MILLVILLE FAA AIRPORT | 2.35 | .01 | | | | | .03 | .14 | | T | | | | | | | | | .16 | .11 | .02 | .63 | .30 | .59 | .05 | T | | | | .19 | .12 | |
| MOORESTOWN | 2.34 | .06 | | | | | | .16 | | .01 | | | | | | | | | .05 | .08 | | .02 | .01 | .96 | .52 | .07 | T | | | .17 | .22 | .01 |
| NEW BRUNSWICK | 1.56 | | | | T | | | .12 | | .02 | T | | | | | | | | .01 | .04 | | | | .68 | .15 | .04 | | T | | T | .20 | .30 |
| NEW MONMOUTH | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PEMBERTON 3 E | 2.28 | | | | | | | .19 | | .02 | | | | | | | | | .08 | .06 | | .05 | | .49 | .96 | | | | | .20 | .21 | .02 |
| PRINCETON WATER WORKS | 2.45 | T | | | | | .01 | .13 | | | | | | | | | | | .08 | T | | | | .74 | 1.16 | | | | | .07 | .26 | |
| SEABROOK FARMS | 2.57 | .21 | | | | | | .17 | | T | | | | | | | | | T | | .27 | .48 | .22 | .74 | .08 | .01 | | | | T | .25 | .14 |
| SHILOH | 1.90 | | | | | | | .14 | | .01 | | | | | | | | | .17 | .11 | | .53 | T | .50 | .11 | | | | | .19 | .11 | .03 |
| TOMS RIVER | 2.66 | .46 | | | | | | .02 | | .09 | | | | | | | | | | .05 | | | | .31 | 1.31 | | | | | .07 | .20 | .15 |
| TRENTON WB CITY R | 2.38 | T | | | | | .04 | .10 | | T | | | | | | | | | .09 | T | | T | | .88 | .74 | T | | | | .26 | .27 | T |
| TUCKERTON | 2.75 | .21 | | | | | | .08 | | T | | | | | | | | | .02 | .08 | | .43 | .01 | .77 | .83 | T | | | | .16 | .14 | .02 |
| WOODSTOWN | 2.04 | .06 | | | | | | .14 | | T | | | | | | | | | .16 | .09 | | .50 | .01 | .52 | .11 | .01 | | | | .21 | .20 | .03 |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 2.24 | .02 | | | | | | .04 | | .02 | | | | | | | | | .01 | .13 | | .56 | .28 | .86 | .11 | | | | | .09 | .12 | |
| BELMAR 2 SW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CAPE MAY 1 NW | 3.81 | .84 | | | | | | | .01 | T | T | | | | | | | | | .18 | 1.09 | .86 | .16 | .32 | .15 | | | | | T | .18 | .02 |
| LONG BRANCH 2 N | 1.34 | .26 | | | | | | .07 | | .04 | | | | | | | | | .02 | T | | | | .21 | .27 | T | | | | .16 | .31 | T |

# SUPPLEMENTAL DATA

| Station | Wind (Speed - m.p.h.) | | | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | EASTERN STANDARD TIME 1 AM | 7 AM | 1 PM | 7 PM | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 30 | 6.5 | 13.4 | 33++ | 30 | 01 | 80 | 83 | 59 | 75 | 3 | 6 | 2 | 1 | 0 | 0 | 12 | 45 | 5.9 |
| ATLANTIC CITY ST. MARINA | - | - | - | 43 | WNW | 01 | - | - | - | - | 0 | 5 | 4 | 2 | 0 | 0 | 11 | - | - |
| NEWARK WB AIRPORT | 29 | 6.4 | 12.4 | 37++ | 27 | 01 | 68 | 71 | 55 | 61 | 5 | 4 | 5 | 0 | 0 | 0 | 14 | - | 5.8 |
| TRENTON WB CITY | - | - | - | 35 | NW | 01 | - | - | - | - | 6 | 2 | 3 | 2 | 0 | 0 | 13 | 62 | 5.8 |

See reference notes following Station Index.

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 38 | 24 | 26 | 31 | 29 | 26 | 35 | 31 | 34 | 36 | 28 | 30 | 35 | 36 | 37 | 37 | 35 | 38 | 40 | 42 | 44 | 40 | 48 | 42 | 44 | 38 | 24 | 23 | 32 | 33 | 41 | 34.7 |
| | MIN | 9 | 8 | 13 | 16 | 3 | 6 | 23 | 16 | 19 | 15 | 14 | 10 | 17 | 24 | 24 | 10 | 18 | 28 | 35 | 15 | 24 | 28 | 31 | 37 | 28 | 16 | 13 | 5 | 8 | 24 | 33 | 18.4 |
| BOONTON 1 SE | MAX | 39 | 19 | 26 | 31 | 29 | 28 | 36 | 31 | 29 | 34 | 27 | 27 | 32 | 32 | 38 | 35 | 37 | 36 | 46 | 41 | 42 | 40 | 48 | 44 | 44 | 36 | 21 | 25 | 28 | 33 | 47 | 34.2 |
| | MIN | 17 | 7 | 15 | 16 | 10 | 7 | 9 | 20 | 22 | 18 | 16 | 10 | 12 | 20 | 19 | 15 | 17 | 26 | 35 | 22 | 23 | 30 | 33 | 39 | 33 | 18 | 13 | 4 | 10 | 25 | 32 | 19.1 |
| CANOE BROOK | MAX | 37 | 22 | 29 | 33 | 31 | 30 | 37 | 33 | 33 | 35 | 31 | 30 | 35 | 34 | 41 | 38 | 38 | 40 | 46 | 42 | 41 | 42 | 47 | 45 | 45 | 39 | 25 | 24 | 28 | 34 | 44 | 35.8 |
| | MIN | 18 | 10 | 14 | 13 | 13 | 6 | 9 | 21 | 20 | 13 | 13 | 5 | 8 | 22 | 20 | 11 | 16 | 26 | 37 | 18 | 21 | 30 | 30 | 37 | 31 | 20 | 13 | 6 | 6 | 20 | 31 | 18.0 |
| CHARLOTTEBURG | MAX | 36 | 16 | 23 | 28 | 21 | 25 | 35 | 30 | 25 | 35 | 24 | 26 | 30 | 29 | 33 | 32 | 35 | 36 | 46 | 38 | 41 | 41 | 47 | 43 | 44 | 36 | 20 | 18 | 26 | 32 | 46 | 32.2 |
| | MIN | 16 | 6 | 12 | 13 | 7 | 2 | 4 | 21 | 20 | 15 | 14 | 13 | 14 | 21 | 21 | 12 | 13 | 25 | 35 | 20 | 20 | 27 | 29 | 35 | 31 | 16 | 11 | 2 | 2 | 21 | 31 | 17.1 |
| ELIZABETH | MAX | 41 | 29 | 34 | 33 | 29 | 36 | 41 | 34 | 38 | 35 | 31 | 36 | 38 | 44 | 41 | 40 | 40 | 45 | 48 | 45 | 42 | 47 | 46 | 48 | 46 | 47 | | | | | | 39.8 |
| | MIN | 12 | 11 | 17 | 17 | 11 | 12 | 27 | 22 | 23 | 20 | 17 | 13 | 18 | 27 | 25 | 18 | 23 | 34 | 39 | 29 | 33 | 32 | 38 | 42 | 34 | 21 | 12 | 10 | 21 | 33 | 34 | 23.4 |
| ESSEX FELLS SERV BLDG | MAX | 39 | 19 | 25 | 31 | 29 | 27 | 39 | 31 | 30 | 33 | 27 | 27 | 33 | 34 | 38 | 37 | 35 | 40 | 45 | 41 | 40 | 41 | 46 | 44 | 45 | 38 | 22 | 22 | 27 | 34 | 44 | 34.3 |
| | MIN | 13 | 9 | 13 | 12 | 8 | 8 | 20 | 22 | 21 | 16 | 15 | 10 | 11 | 26 | 23 | 15 | 20 | 32 | 40 | 22 | 29 | 31 | 38 | 36 | 32 | 19 | 12 | 6 | 13 | 27 | 32 | 20.4 |
| FLEMINGTON 1 NE | MAX | 41 | 18 | 27 | 34 | 29 | 26 | 35 | 30 | 30 | 36 | 28 | 29 | 34 | 34 | 40 | 37 | 37 | 39 | 46 | 42 | 40 | 42 | 47 | 44 | 46 | 39 | 22 | 24 | 26 | 34 | 46 | 34.9 |
| | MIN | 3 | 10 | 6 | 15 | 5 | 4 | 5 | 20 | 19 | 18 | 11 | 13 | 20 | 25 | 26 | 10 | 9 | 26 | 34 | 22 | 22 | 31 | 33 | 38 | 34 | 19 | 8 | 5 | 7 | 26 | 33 | 18.0 |
| HIGH POINT PARK | MAX | | | 24 | 25 | 23 | 27 | 30 | 27 | 30 | 27 | 26 | 30 | 26 | 26 | 30 | 30 | 31 | 34 | 34 | 41 | 32 | 32 | 39 | 40 | 39 | 36 | 34 | 26 | 20 | 41 | 40 | 31.0 |
| | MIN | | | 6 | 4 | - 2 | 0 | - 2 | 5 | 7 | 3 | 6 | 8 | 11 | 11 | 12 | 2 | 8 | 17 | 23 | 6 | 18 | 20 | 24 | 20 | 21 | 1 | 3 | - 1 | - 5 | 20 | 30 | 9.5 |
| JERSEY CITY | MAX | 33 | 27 | 31 | 30 | 28 | 41 | 33 | 31 | 36 | 35 | 30 | 33 | 33 | 40 | 37 | 36 | 38 | 46 | 46 | 40 | 40 | 45 | 46 | 46 | 46 | 33 | 21 | 25 | 37 | 37 | 46 | 36.3 |
| | MIN | 12 | 12 | 21 | 21 | 16 | 20 | 25 | 25 | 28 | 22 | 20 | 20 | 25 | 29 | 29 | 20 | 29 | 38 | 33 | 30 | 32 | 32 | 38 | 42 | 32 | 20 | 14 | 10 | 24 | 32 | 36 | 25.4 |
| LAMBERTVILLE | MAX | 38 | 29 | 35 | 31 | 28 | 36 | 36 | 32 | 39 | 35 | 29 | 35 | 35 | 42 | 39 | 39 | 40 | 44 | 47 | 42 | 43 | 50 | 44 | 46 | 43 | 35 | 28 | 31 | 34 | 36 | 48 | 37.7 |
| | MIN | 11 | 11 | 17 | 16 | 8 | 8 | 25 | 22 | 22 | 20 | 17 | 11 | 22 | 26 | 26 | 12 | 21 | 35 | 38 | 23 | 31 | 32 | 38 | 41 | 32 | 20 | 16 | 8 | 20 | 32 | 33 | 22.4 |
| LAYTON 2 | MAX | 35 | 15 | 27 | 30 | 20 | 21 | 31 | 33 | 28 | 32 | 22 | 30 | 32 | 31 | 30 | 34 | 33 | 35 | 40 | 40 | 41 | 40 | 48 | 41 | 42 | 38 | 21 | 20 | 27 | 34 | 42 | 32.0 |
| | MIN | 11 | 7 | 13 | 5 | - 2 | 0 | 5 | 20 | 16 | 6 | 5 | 2 | 4 | 20 | 21 | 4 | 6 | 21 | 32 | 17 | 17 | 19 | 23 | 32 | 26 | 13 | 11 | - 1 | 0 | 21 | 32 | 13.1 |
| LITTLE FALLS | MAX | 42 | 18 | 28 | 32 | 30 | 29 | 39 | 34 | 30 | 35 | 30 | 30 | 34 | 34 | 39 | 38 | 37 | 41 | 48 | 43 | 42 | 42 | 47 | 45 | 46 | 40 | 24 | 23 | 29 | 34 | 48 | 35.8 |
| | MIN | 16 | 11 | 17 | 18 | 9 | 9 | 13 | 23 | 23 | 18 | 17 | 16 | 21 | 25 | 25 | 16 | 22 | 28 | 38 | 22 | 27 | 31 | 34 | 40 | 34 | 19 | 15 | 7 | 12 | 27 | 32 | 21.5 |
| LONG VALLEY | MAX | 37 | 14 | 25 | 30 | 27 | 25 | 33 | 32 | 32 | 36 | 27 | 29 | 32 | 32 | 38 | 35 | 36 | 36 | 43 | 40 | 42 | 39 | 49 | 43 | 44 | 37 | 21 | 22 | 28 | 33 | 42 | 33.5 |
| | MIN | 7 | 4 | 7 | 8 | 2 | 1 | 7 | 17 | 16 | 9 | 9 | 4 | 14 | 18 | 20 | 11 | 11 | 23 | 32 | 19 | 20 | 26 | 28 | 35 | 27 | 13 | 8 | 1 | 5 | 20 | 28 | 14.5 |
| MORRIS PLAINS 1 W | MAX | 38 | 18 | 25 | 32 | 29 | 27 | 35 | 32 | 31 | 35 | 28 | 29 | 33 | 33 | 38 | 36 | 37 | 37 | 46 | 41 | 41 | 41 | 47 | 45 | 44 | 39 | 22 | 22 | 26 | 33 | 46 | 34.4 |
| | MIN | 16 | 6 | 14 | 15 | 11 | 5 | 6 | 22 | 21 | 17 | 14 | 9 | 13 | 20 | 11 | 16 | 17 | 26 | 35 | 22 | 28 | 29 | 34 | 39 | 32 | 17 | 10 | 5 | 6 | 22 | 32 | 18.4 |
| NEWARK WB AIRPORT | MAX | 38 | 29 | 35 | 31 | 32 | 41 | 35 | 33 | 37 | 32 | 31 | 36 | 38 | 44 | 39 | 36 | 39 | 46 | 46 | 43 | 41 | 46 | 48 | 47 | 46 | 30 | 24 | 26 | 35 | 39 | 47 | 37.7 |
| | MIN | 13 | 15 | 19 | 20 | 16 | 17 | 26 | 25 | 27 | 20 | 19 | 16 | 24 | 28 | 25 | 19 | 27 | 37 | 33 | 30 | 33 | 33 | 39 | 43 | 30 | 20 | 15 | 10 | 25 | 33 | 35 | 24.9 |
| NEWTON | MAX | 38 | 15 | 26 | 29 | 28 | 24 | 35 | 31 | 27 | 35 | 26 | 27 | 31 | 31 | 36 | 33 | 30 | 33 | 42 | 40 | 39 | 39 | 44 | 40 | 42 | 36 | 20 | 19 | 25 | 33 | 44 | 32.2 |
| | MIN | 15 | 7 | 13 | 9 | 2 | 4 | 8 | 21 | 21 | 16 | 14 | 4 | 5 | 22 | 27 | 5 | 7 | 17 | 32 | 17 | 19 | 25 | 29 | 33 | 30 | 15 | 10 | 4 | 5 | 24 | 32 | 15.9 |
| PATERSON | MAX | 41 | 22 | 28 | 33 | 30 | 29 | 39 | 35 | 30 | 35 | 31 | 32 | 36 | 35 | 40 | 38 | 38 | 43 | 48 | 43 | 43 | 41 | 48 | 46 | 46 | 45 | 31 | 25 | 28 | 34 | 46 | 36.7 |
| | MIN | 19 | 13 | 13 | 19 | 15 | 17 | 19 | 24 | 24 | 20 | 17 | 17 | 20 | 26 | 25 | 20 | 22 | 30 | 40 | 29 | 30 | 32 | 33 | 40 | 36 | 20 | 16 | 7 | 8 | 28 | 34 | 23.0 |
| PHILLIPSBURG | MAX | 40 | 27 | 33 | 34 | 32 | 34 | 35 | 33 | 37 | 38 | 30 | 35 | 35 | 41 | 41 | 37 | 41 | 42 | 43 | 44 | 43 | 52 | 49 | 45 | 45 | 39 | 27 | 30 | 34 | 36 | 47 | 38.0 |
| | MIN | 10 | 10 | 16 | 14 | 8 | 8 | 26 | 22 | 21 | 18 | 16 | 13 | 22 | 26 | 26 | 16 | 21 | 33 | 37 | 23 | 28 | 31 | 32 | 39 | 31 | 17 | 15 | 7 | 21 | 31 | 33 | 21.6 |
| PLAINFIELD | MAX | 36 | 26 | 32 | 28 | 27 | 37 | 31 | 32 | 38 | 29 | 29 | 33 | 35 | 41 | 37 | 35 | 37 | 46 | 42 | 41 | 41 | 46 | 45 | 45 | 42 | 35 | 25 | 26 | 34 | 37 | 48 | 36.0 |
| | MIN | 15 | 11 | 16 | 15 | 11 | 10 | 27 | 22 | 23 | 19 | 16 | 12 | 20 | 27 | 26 | 17 | 23 | 32 | 41 | 28 | 30 | 32 | 38 | 42 | 35 | 22 | 17 | 8 | 18 | 32 | 36 | 23.3 |
| SOMERVILLE | MAX | 39 | 27 | 34 | 31 | 27 | 36 | 36 | 31 | 37 | 32 | 30 | 35 | 35 | 41 | 38 | 38 | 39 | 44 | 45 | 42 | 43 | 49 | 45 | 46 | 45 | 34 | 25 | 28 | 35 | 37 | 47 | 37.1 |
| | MIN | 10 | 10 | 16 | 14 | 5 | 7 | 26 | 21 | 22 | 18 | 15 | 10 | 16 | 26 | 26 | 15 | 22 | 33 | 36 | 26 | 29 | 32 | 38 | 42 | 32 | 19 | 14 | 7 | 19 | 32 | 34 | 21.7 |
| SUSSEX 1 SE | MAX | 36 | 15 | 25 | 29 | 27 | 26 | 34 | 31 | 27 | 32 | 25 | 27 | 32 | 32 | 36 | 34 | 31 | 38 | 41 | 40 | 37 | 37 | 42 | 39 | 41 | 37 | 26 | 23 | 23 | 30 | 40 | 32.0 |
| | MIN | 12 | 4 | 11 | 7 | - 1 | 1 | 3 | 19 | 17 | 13 | 12 | 2 | 3 | 18 | 17 | 3 | 4 | 20 | 32 | 16 | 16 | 21 | 24 | 30 | 29 | 12 | 9 | 0 | 0 | 19 | 26 | 12.9 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 39 | 27 | 35 | 31 | 27 | 42 | 31 | 29 | 50 | 35 | 31 | 34 | 36 | 43 | 41 | 39 | 44 | 53 | 53 | 39 | 41 | 46 | 47 | 50 | 46 | 29 | 32 | 28 | 42 | 48 | 55 | 39.5 |
| | MIN | 8 | 10 | 8 | 14 | 6 | 8 | 22 | 19 | 27 | 20 | 15 | 10 | 18 | 24 | 19 | 14 | 21 | 37 | 33 | 29 | 38 | 37 | 41 | 43 | 24 | 11 | 7 | 1 | 26 | 36 | 29 | 21.1 |
| AUDUBON | MAX | 37 | 29 | 35 | 31 | 29 | 39 | 32 | 31 | 44 | 38 | 31 | 35 | 36 | 42 | 40 | 39 | 46 | 48 | 48 | 41 | 40 | 49 | 46 | 48 | 45 | 34 | 32 | 31 | 36 | 40 | 49 | 38.7 |
| | MIN | 12 | 13 | 16 | 18 | 15 | 13 | 24 | 22 | 27 | 21 | 18 | 18 | 23 | 28 | 28 | 20 | 26 | 37 | 34 | 29 | 33 | 34 | 39 | 42 | 34 | 19 | 17 | 11 | 23 | 34 | 34 | 24.6 |
| BELLEPLAIN ST FOREST | MAX | 40 | 28 | 35 | 35 | 30 | 41 | 40 | 31 | 48 | 45 | 31 | 35 | 36 | 42 | 40 | 40 | 45 | 47 | 43 | 41 | 40 | 47 | 47 | 47 | 46 | 42 | 33 | 33 | 41 | 47 | 52 | 40.4 |
| | MIN | 17 | 13 | 9 | 18 | 9 | 3 | 29 | 20 | 19 | 22 | 18 | 11 | 19 | 23 | 17 | 13 | 17 | 29 | 40 | 30 | 37 | 36 | 40 | 43 | 34 | 20 | 12 | 8 | 20 | 34 | 43 | 22.7 |
| BURLINGTON | MAX | 42 | 42 | 39 | 37 | 29 | 38 | 36 | 31 | 40 | 38 | 30 | | 34 | 41 | 40 | 35 | 43 | 47 | 40 | 37 | 39 | 47 | 47 | 46 | 47 | 44 | 28 | 29 | 36 | 40 | 42 | 39.0 |
| | MIN | 14 | 14 | 24 | 17 | 12 | 14 | 26 | 12 | 23 | 25 | 12 | | 17 | 26 | 26 | | 18 | 35 | 33 | 29 | 25 | 33 | 38 | 42 | 35 | 20 | 17 | 11 | 20 | 34 | 33 | 23.6 |
| CHATSWORTH | MAX | 40 | 27 | 35 | 32 | 30 | 42 | 38 | 30 | 47 | 41 | 31 | 34 | 37 | 42 | 40 | 39 | 44 | 50 | 50 | 41 | 40 | 45 | 46 | 47 | 47 | 42 | 29 | 32 | 39 | 42 | 52 | 39.7 |
| | MIN | 10 | 9 | 11 | 16 | 7 | 5 | 27 | 12 | 19 | 11 | 11 | 8 | 17 | 22 | 13 | 14 | 15 | 33 | 40 | 25 | 33 | 33 | 37 | 41 | 33 | 20 | 10 | 8 | 16 | 34 | 39 | 20.3 |
| FREEHOLD | MAX | 42 | 17 | 27 | 32 | 30 | 28 | 32 | 31 | 33 | 38 | 30 | 30 | 29 | 35 | 41 | 37 | 36 | 41 | 48 | 42 | 38 | 40 | 43 | 43 | 46 | 39 | 25 | 25 | 30 | 37 | 44 | 35.1 |
| | MIN | 14 | 10 | 15 | 15 | 10 | 9 | 15 | 11 | 21 | 20 | 17 | 14 | 18 | 22 | 22 | 17 | 19 | 30 | 41 | 27 | 32 | 31 | 34 | 39 | 33 | 22 | 14 | 10 | 13 | 30 | 34 | 21.3 |
| GLASSBORO | MAX | 44 | 20 | 27 | 34 | 30 | 26 | 40 | 33 | 38 | 45 | 32 | 34 | 34 | 35 | 41 | 40 | 39 | 45 | 49 | 46 | 45 | 42 | 46 | 46 | 47 | 42 | 26 | 32 | 32 | 37 | 51 | 38.1 |
| | MIN | 16 | 10 | 15 | 14 | 7 | 3 | 19 | 20 | 20 | 21 | 17 | 15 | 14 | 22 | 25 | 17 | 22 | 29 | 39 | 28 | 32 | 33 | 32 | 37 | 33 | 19 | 16 | 10 | 12 | 28 | 36 | 21.3 |
| HAMMONTON 2 NNE | MAX | 42 | 22 | 30 | 35 | 32 | 30 | 41 | 31 | 37 | 51 | 35 | 32 | 35 | 35 | 44 | 40 | 41 | 47 | 50 | 44 | 40 | 38 | 46 | 46 | 48 | 45 | 30 | 32 | 33 | 38 | 50 | 38.7 |
| | MIN | 16 | 12 | 15 | 15 | 12 | 9 | 12 | 20 | 20 | 22 | 18 | 13 | 19 | 23 | 23 | 16 | 17 | 28 | 40 | 28 | 29 | 33 | 35 | 39 | 35 | 22 | 14 | 9 | 11 | 32 | 35 | 21.7 |
| HIGHTSTOWN 1 N | MAX | 40 | 27 | 33 | 31 | 27 | 38 | 38 | 29 | 37 | 35 | 29 | 32 | 34 | 40 | 38 | 35 | 41 | 45 | 47 | 41 | 41 | 46 | 44 | 46 | 45 | 35 | 26 | 26 | 35 | 38 | 47 | 37.0 |
| | MIN | 12 | 11 | 16 | 16 | 8 | 8 | 26 | 20 | 21 | 19 | 17 | 13 | 20 | 25 | 25 | 15 | 22 | 35 | 39 | 26 | 32 | 31 | 37 | 41 | 32 | 20 | 15 | 9 | 17 | 34 | 35 | 22.5 |
| INDIAN MILLS 2 W | MAX | 39 | 27 | 34 | 31 | 27 | 39 | 35 | 29 | 46 | 38 | 29 | 32 | 35 | 40 | 39 | 37 | 45 | 49 | 50 | 39 | 38 | 46 | 45 | 47 | 45 | 34 | 29 | 32 | 35 | 40 | 51 | 38.1 |
| | MIN | 11 | 10 | 8 | 16 | 7 | 3 | 26 | 20 | 20 | 21 | 16 | 8 | 15 | 26 | 19 | 10 | 17 | 34 | 37 | 27 | 33 | 33 | 38 | 41 | 31 | 18 | 11 | 6 | 19 | 33 | 38 | 21.0 |
| MILLVILLE | MAX | 43 | 22 | 28 | 35 | 31 | 29 | 44 | 33 | 38 | 48 | 32 | 31 | 35 | 35 | 42 | 40 | 42 | 46 | 49 | 47 | 41 | 40 | 48 | 48 | 47 | 43 | 29 | 33 | 36 | 40 | 53 | 39.0 |
| | MIN | 17 | 4 | 11 | 16 | 11 | 6 | 17 | 6 | 14 | 22 | 9 | 12 | 19 | 22 | 22 | 12 | 19 | 32 | 38 | 30 | 31 | 34 | 37 | 40 | 34 | 23 | 16 | 10 | 16 | 32 | 35 | 20.9 |
| MILLVILLE FAA AIRPORT | MAX | 37 | 28 | 33 | 29 | 27 | 41 | 32 | 31 | 47 | 34 | 31 | 33 | 34 | 42 | 39 | 40 | 44 | 49 | 50 | 40 | 41 | 46 | 47 | 46 | 46 | 35 | 31 | 35 | 40 | 50 | 53 | 39.1 |
| | MIN | 14 | 16 | 11 | 17 | 12 | 9 | 24 | 21 | 29 | 22 | 20 | 15 | 20 | 23 | 23 | 19 | 23 | 32 | 35 | 32 | 37 | 35 | 40 | 43 | 28 | 18 | 17 | 13 | 26 | 34 | 32 | 23.9 |
| MOORESTOWN | MAX | 36 | 26 | 32 | 28 | 26 | 37 | 28 | 34 | 41 | 32 | 28 | 31 | 32 | 39 | 38 | 36 | 43 | 46 | 47 | 39 | 41 | 42 | 47 | 46 | 40 | 25 | 29 | 28 | 34 | 38 | 49 | 36.1 |
| | MIN | 13 | 12 | 16 | 17 | 15 | 10 | 26 | 21 | 26 | 21 | 17 | 15 | 21 | 26 | 24 | 15 | 24 | 34 | 33 | 27 | 33 | 32 | 38 | 39 | 25 | 16 | 16 | 9 | 21 | 32 | 30 | 22.7 |
| NEW BRUNSWICK | MAX | 41 | 19 | 27 | 33 | 28 | 27 | 37 | 30 | 30 | 37 | 29 | 29 | 34 | 34 | 40 | 37 | 37 | 42 | 48 | 42 | 39 | 42 | 46 | 46 | 45 | 39 | 23 | 24 | 29 | 36 | 46 | 35.4 |
| | MIN | 14 | 10 | 9 | 17 | 10 | 11 | 26 | 22 | 21 | 19 | 17 | 15 | 19 | 22 | 26 | 18 | 20 | 29 | 40 | 28 | 28 | 32 | 39 | 33 | 33 | 21 | 15 | 8 | 9 | 28 | 34 | 21.7 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

NEW JERSEY
JANUARY 1969

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW MONMOUTH | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | MAX | 38 | 29 | 35 | 31 | 30 | 40 | 31 | 30 | 42 | 30 | 31 | 34 | 35 | 42 | 42 | 34 | 45 | 48 | 48 | 38 | 40 | 45 | 45 | 46 | 43 | 35 | 30 | 30 | 36 | 39 | 51 | 37.8 |
| | MIN | 14 | 10 | 13 | 16 | 8 | 7 | 27 | 20 | 19 | 20 | 18 | 10 | 19 | 23 | 18 | 14 | 20 | 36 | 38 | 27 | 30 | 33 | 38 | 41 | 30 | 20 | 15 | 9 | 18 | 33 | 35 | 21.9 |
| SEABROOK FARMS | MAX | 42 | 20 | 28 | 33 | 30 | 27 | 40 | 31 | 37 | 47 | 31 | 30 | 33 | 34 | 40 | 39 | 37 | 45 | 47 | 45 | 40 | 39 | 46 | 46 | 47 | 42 | 26 | 31 | 32 | 39 | 50 | 37.2 |
| | MIN | 20 | 13 | 14 | 17 | 12 | 11 | 17 | 20 | 20 | 22 | 19 | 13 | 17 | 23 | 22 | 17 | 21 | 30 | 41 | 30 | 31 | 32 | 34 | 39 | 34 | 21 | 17 | 12 | 14 | 30 | 34 | 22.5 |
| SHILOH | MAX | 38 | 28 | 34 | 32 | 28 | 41 | 39 | 30 | 48 | 45 | 30 | 33 | 34 | 41 | 40 | 40 | 43 | 46 | 48 | 40 | 39 | 45 | 46 | 45 | 45 | 39 | 32 | 34 | 37 | 41 | 51 | 39.1 |
| | MIN | 15 | 13 | 15 | 16 | 11 | 12 | 23 | 19 | 20 | 22 | 18 | 13 | 19 | 22 | 23 | 16 | 23 | 33 | 39 | 28 | 21 | 30 | 38 | 41 | 33 | 21 | 16 | 12 | 23 | 32 | 40 | 22.8 |
| TOMS RIVER | MAX | 41 | 20 | 28 | 35 | 30 | 28 | 40 | 32 | 35 | 46 | 30 | 30 | 34 | 35 | 42 | 39 | 36 | 44 | 53 | 46 | 40 | 39 | 43 | 45 | 48 | 41 | 28 | 27 | 32 | 39 | 51 | 37.3 |
| | MIN | 10 | 14 | 12 | 16 | 10 | 5 | 15 | 15 | 24 | 18 | 15 | 14 | 16 | 24 | 18 | 14 | 17 | 30 | 43 | 27 | 34 | 34 | 38 | 40 | 36 | 20 | 14 | 9 | 17 | 32 | 36 | 21.5 |
| TRENTON WB CITY | MAX | 37 | 27 | 34 | 29 | 27 | 38 | 32 | 30 | 39 | 29 | 29 | 33 | 35 | 41 | 38 | 37 | 43 | 47 | 48 | 40 | 41 | 46 | 46 | 47 | 46 | 31 | 26 | 28 | 37 | 40 | 49 | 37.1 |
| | MIN | 14 | 17 | 19 | 19 | 15 | 19 | 26 | 24 | 28 | 21 | 20 | 18 | 25 | 29 | 27 | 20 | 29 | 39 | 33 | 30 | 34 | 34 | 38 | 43 | 31 | 20 | 14 | 11 | 25 | 35 | 36 | 25.5 |
| TUCKERTON | MAX | 40 | 26 | 34 | 32 | 30 | 40 | 39 | 31 | 51 | 38 | 31 | 35 | 36 | 42 | 41 | 38 | 42 | 43 | 50 | 39 | 40 | 42 | 44 | 48 | 45 | 33 | 31 | 28 | 40 | 44 | 52 | 38.9 |
| | MIN | 12 | 11 | 11 | 16 | 9 | 5 | 26 | 20 | 22 | 21 | 17 | 12 | 17 | 25 | 16 | 15 | 16 | 34 | 36 | 28 | 36 | 35 | 38 | 41 | 32 | 18 | 12 | 8 | 16 | 35 | 36 | 21.8 |
| WOODSTOWN | MAX | 39 | 28 | 34 | 31 | 27 | 39 | 38 | 31 | 44 | 41 | 30 | 34 | 35 | 42 | 40 | 36 | 44 | 47 | 48 | 40 | 39 | 46 | 46 | 46 | 46 | 38 | 32 | 31 | 35 | 41 | 50 | 38.6 |
| | MIN | 12 | 2 | 12 | 15 | 12 | 9 | 26 | 18 | 18 | 18 | 12 | 12 | 12 | 22 | 21 | 17 | 21 | 35 | 39 | 30 | 33 | 33 | 38 | 41 | 33 | 22 | 15 | 18 | 23 | 32 | 37 | 22.2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 38 | 27 | 36 | 31 | 29 | 43 | 33 | 30 | 49 | 36 | 31 | 34 | 35 | 42 | 39 | 36 | 42 | 47 | 48 | 39 | 41 | 40 | 42 | 46 | 44 | 32 | 33 | 28 | 43 | 45 | 53 | 38.5 |
| | MIN | 16 | 16 | 20 | 21 | 17 | 20 | 25 | 23 | 29 | 24 | 21 | 18 | 22 | 26 | 25 | 23 | 27 | 41 | 33 | 30 | 37 | 36 | 38 | 41 | 32 | 20 | 18 | 16 | 28 | 36 | 37 | 26.3 |
| CAPE MAY 1 NW | MAX | 43 | 24 | 29 | 35 | 27 | 26 | 41 | 32 | 39 | 47 | 32 | 30 | 32 | 34 | 38 | 36 | 36 | 44 | 50 | 45 | 40 | 40 | 44 | 46 | 45 | 41 | 30 | 31 | 36 | 41 | 54 | 37.7 |
| | MIN | 19 | | 18 | 21 | 17 | 13 | 19 | 23 | 16 | 25 | 23 | 20 | 22 | 25 | 24 | 20 | 21 | 33 | 39 | 32 | 33 | 36 | 40 | 39 | 37 | 28 | 21 | 13 | 14 | 35 | 39 | 25.5 |
| LONG BRANCH 2 N | MAX | 39 | 28 | 32 | 31 | 29 | 37 | 40 | 32 | 40 | 35 | 31 | 35 | 36 | 43 | 39 | 35 | 39 | 49 | 51 | 39 | 40 | 43 | 44 | 46 | 44 | 32 | 26 | 22 | 37 | 39 | 49 | 37.5 |
| | MIN | 12 | 11 | 16 | 17 | 11 | 10 | 25 | 21 | 23 | 22 | 18 | 16 | 19 | 26 | 26 | 20 | 20 | 36 | 38 | 30 | 34 | 34 | 38 | 41 | 32 | 21 | 15 | 13 | 20 | 36 | 36 | 23.8 |

# DAILY SOIL TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK<br>PLOT 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 INCH. | MAX | 34 | 31 | 32 | - | 32 | 33 | 33 | 32 | - | - | 30 | 33 | 33 | 34 | 34 | 34 | 34 | 35 | 35 | 34 | 34 | 36 | 36 | 38 | 37 | 34 | 34 | 34 | 34 | 34 | 35 | 33.9 |
| | MIN | 26 | 26 | 27 | - | 26 | 27 | 31 | 30 | - | - | 25 | 26 | 27 | 30 | 29 | 27 | 30 | 32 | 33 | 33 | 33 | 33 | 34 | 35 | 34 | 32 | 28 | 26 | 31 | 33 | 33 | 29.9 |
| 2 INCHES | MAX | 34 | 32 | 32 | - | 32 | 32 | 33 | 32 | - | - | 30 | 32 | 32 | 33 | 33 | 33 | 33 | 34 | 34 | 34 | 34 | 33 | 33 | 34 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 33.1 |
| | MIN | 30 | 30 | 30 | - | 28 | 29 | 32 | 31 | - | - | 28 | 28 | 29 | 31 | 30 | 29 | 31 | 32 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 33 | 32 | 30 | 32 | 33 | 33 | 31.2 |
| 4 INCHES | MAX | 35 | 34 | 33 | - | 33 | 32 | 33 | 33 | - | - | 32 | 32 | 32 | 33 | 33 | 33 | 33 | 34 | 34 | 35 | 34 | 33 | 33 | 34 | 34 | 34 | 35 | 34 | 34 | 34 | 34 | 33.5 |
| | MIN | 33 | 33 | 32 | - | 32 | 31 | 33 | 32 | - | - | 30 | 30 | 30 | 31 | 31 | 31 | 32 | 32 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 33 | 33 | 33 | 32 | 33 | 33 | 32.2 |
| 8 INCHES | MAX | 36 | 36 | 35 | - | 35 | 34 | 34 | 34 | - | - | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | 35 | 35 | 35 | 34.4 |
| | MIN | 35 | 35 | 35 | - | 34 | 34 | 34 | 34 | - | - | 34 | 33 | 33 | 33 | 33 | 34 | 33 | 32 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 33.6 |
| 20 INCHES | MAX | 39 | 39 | 39 | - | 38 | 38 | 38 | 38 | - | - | 37 | 37 | 37 | 38 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37.4 |
| | MIN | 38 | 38 | 38 | - | 38 | 37 | 38 | 37 | - | - | 37 | 37 | 37 | 36 | 36 | 37 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 37 | 37 | 36 | 36 | 36 | 36 | 36 | 36.6 |
| 40 INCHES | MAX | 43 | 43 | 42 | - | 42 | 42 | 42 | 41 | - | - | 41 | 41 | 41 | 41 | 41 | 40 | 41 | 41 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 39 | 40 | 39 | 40.7 |
| | MIN | 42 | 42 | 42 | - | 41 | 41 | 41 | 41 | - | - | 40 | 40 | 40 | 40 | 40 | 40 | 39 | 40 | 39 | 39 | 40 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39.9 |
| PLOT 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 34 | 33 | 32 | - | 31 | 31 | 33 | 33 | - | - | 32 | 32 | 32 | 33 | 33 | 33 | 33 | 34 | 34 | 34 | 34 | 36 | 33 | 39 | 39 | 34 | 34 | 33 | 34 | 34 | 34 | 33.6 |
| | MIN | 33 | 29 | 28 | - | 25 | 25 | 31 | 32 | - | - | 31 | 31 | 31 | 31 | 31 | 30 | 32 | 32 | 33 | 32 | 33 | 33 | 33 | 33 | 34 | 33 | 28 | 25 | 30 | 33 | 33 | 30.9 |
| 2 INCHES | MAX | 34 | 33 | 32 | - | 31 | 31 | 33 | 33 | - | - | 32 | 32 | 32 | 33 | 33 | 33 | 33 | 34 | 34 | 34 | 34 | 33 | 33 | 38 | 37 | 35 | 34 | 34 | 34 | 35 | 34 | 33.5 |
| | MIN | 33 | 31 | 30 | - | 25 | 26 | 31 | 32 | - | - | 31 | 31 | 31 | 31 | 31 | 30 | 32 | 32 | 33 | 32 | 33 | 33 | 33 | 33 | 34 | 33 | 31 | 27 | 30 | 34 | 33 | 31.3 |
| 4 INCHES | MAX | 35 | 34 | 33 | - | 33 | 31 | 33 | 33 | - | - | 33 | 32 | 33 | 33 | 33 | 33 | 33 | 34 | 34 | 34 | 34 | 33 | 33 | 34 | 35 | 34 | 35 | 34 | 35 | 34 | 35 | 33.6 |
| | MIN | 34 | 33 | 33 | - | 30 | 29 | 31 | 32 | - | - | 32 | 31 | 32 | 32 | 32 | 32 | 32 | 32 | 33 | 32 | 33 | 33 | 33 | 33 | 34 | 33 | 34 | 33 | 33 | 33 | 33 | 32.4 |
| 8 INCHES | MAX | 36 | 36 | 35 | - | 34 | 34 | 34 | 34 | - | - | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | 34 | 34 | 33 | 34 | 34 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 34.5 |
| | MIN | 35 | 35 | 34 | - | 34 | 33 | 33 | 33 | - | - | 34 | 33 | 34 | 33 | 34 | 34 | 33 | 33 | 34 | 33 | 33 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 33.7 |

MAX AND MIN TEMPERATURES ARE FOR THE 24 HOUR PERIOD ENDING AT MIDNIGHT.

PLOT #1 - SLOPE OF GROUND, FLAT. SOIL TYPE: LOAM. GROUND COVER, KENTUCKY BLUEGRASS. INSTRUMENTATION, COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

PLOT #2 - SLOPE OF GROUND, FLAT. SOIL TYPE: LOAM. GROUND COVER, BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# SNOWFALL AND SNOW ON GROUND

| Station |  | Day of month ||||||||||||||||||||||||||||||||
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 18 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 28 | 27 | 28 | 29 | 30 | 31 |
| * * *<br>NORTHERN 01 | |||||||||||||||||||||||||||||||
| BELVIDERE | SNOWFALL |.1||||||1.5|||||||||||||||||||||||T|T||
|  | SN ON GND |1|1|1|1|1|T|1|1|1|1|1|T|T|T|T|T|T|T|||||||||||T|T||
| CHARLOTTEBURG | SNOWFALL |.3||||||1.5|T||||||||||||||||||||||||
|  | SN ON GND |T||||||1|T|T|T||||||||||||||||||||||
| FLEMINGTON 1 NE | SNOWFALL |T||||||2.0|T||||||||||||||||||||T|||||
|  | SN ON GND |T||||||2|2|1|1|1|1|T|T|T|T|T|T||||||||||||||
| LAMBERTVILLE | SNOWFALL |||||||3.0||||||||||||||T|||||||||||
|  | SN ON GND |||||||2|1|T|T|T|T|T|T||||||||||||||||||
| LITTLE FALLS | SNOWFALL |||||||1.8|||||||||||||||||||||||||
|  | SN ON GND |||||||2|1|1|1|1|1|1|T|T|||||||||||||||||
| LONG VALLEY | SNOWFALL |||||||1.0|1.0||||||||||||||||||||||||
|  | SN ON GND ||||||||||||||||||||||||||||||||
| MORRIS PLAINS 1 W | SNOWFALL ||||T|||1.5|.5|T||||T|T|||||||||||||T|T||||
|  | SN ON GND |||||||2|2|1|1|1|1|T|T||||||||||||||||||
| NEWARK WB AIRPORT | SNOWFALL |||T|||T|1.1||T||||||||T||||||||||||T|||
|  | SN ON GND |||||||1|1|1|T|T|T||||||||||||||||T|||
|  | WTR EQUIV ||||||||||||||||||||||||||||||||
| NEWTON | SNOWFALL |T||||||.8|T||||||||||||||||||||T|||
|  | SN ON GND |T|T|T|T|T|T|1|T|T|T|T|T|T|T|T|T|T|T|||||||||||T|||
| PATERSON | SNOWFALL ||||T|||1.8||T||||||||||||||||||||T|T||
|  | SN ON GND ||||||||||||||||||||||||||||||||
| PHILLIPSBURG | SNOWFALL |||||||1.0|||||||||||||||||||||||||
|  | SN ON GND |||||||1|T||||||||||||||||||||||||
| PLAINFIELD | SNOWFALL |||T||||2.0||||||T||||||||||||||||||
|  | SN ON GND |||||||2|2|1|1|1|1||||||||||||||||||||
| RAHWAY | SNOWFALL ||||||.2|1.3|T|T||||||||||||||||||||||
|  | SN ON GND ||||||T|1|1|T||||||||||||||||||||||
| SOMERVILLE | SNOWFALL |||||||2.5||||||||||||||||||T||||||
|  | SN ON GND |||||||2|2|1|1|1|1|1|1|T|||||||||||||||||
| WANAQUE RAYMOND DAM | SNOWFALL |||||||1.5||T||||||||||||||||||||T|||
|  | SN ON GND |||||||2||T|T|T|T||||||||||||||||T|||
| * * *<br>SOUTHERN 02 | |||||||||||||||||||||||||||||||
| ATLANTIC CITY WB AP | SNOWFALL ||||||T|.5||||||||||||||||||||||||
|  | SN ON GND |||||||T|T|T||||||||||||||||||||||
|  | WTR EQUIV ||||||||||||||||||||||||||||||||
| FREEHOLD | SNOWFALL |||||||1.5|||||||||||||||||||||||||
|  | SN ON GND |||||||2|T|T||||||||||||||||||||||
| HIGHTSTOWN 1 N | SNOWFALL |T||||||3.0||||||||||T||||T|||||T||||||
|  | SN ON GND |||||||2|2|T|T|T|T|T|T|T|T|||||||||||||||
| INDIAN MILLS 2 W | SNOWFALL |||||||2.1||||||||||||||||||||||T|||
|  | SN ON GND |||||||1|1|T|T|T|T|T||||||||||||||||T|||
| MAYS LANDING 1 W | SNOWFALL |||||||1.1|.3||||||||||||||||||||||||
|  | SN ON GND |||||||1|1|1||||||||||||||||||||||
| MILLVILLE | SNOWFALL |||||||2.8||||||||||||||||||||||T|||
|  | SN ON GND |||||||3|||||||||||||||||||||||||
| MILLVILLE FAA AIRPORT | SNOWFALL ||||||T|2.0|||||||||||||||||||||||||
|  | SN ON GND |||||||1|||||||||||||||||||||||||
| MOORESTOWN | SNOWFALL |||||||3.0||T||||||||||||||||T||||||
|  | SN ON GND |||||||3|2|1|T|T|T|T|T|||||||||||||||||
| NEW BRUNSWICK | SNOWFALL ||||T|||2.5||T|T||||||||||||||||T|||||
|  | SN ON GND |||||||3|T|T|T|||||||||||||||||||||
| PEMBERTON 3 E | SNOWFALL |||||||2.0|||||||||||||||||||||||||
|  | SN ON GND |||||||2|||||||||||||||||||||||||
| SEABROOK FARMS | SNOWFALL |||||||3.0|||||||||||||||||||||||||
|  | SN ON GND |||||||-|-||||||||||||||||||||||||
| TRENTON WB CITY | SNOWFALL ||||||.5|1.9||T|||||||||||T|||||||||||
|  | SN ON GND |||||||2|2|1|T|T|T|T|T||||||||||||||T|||
| * * *<br>COASTAL 03 | |||||||||||||||||||||||||||||||
| LONG BRANCH 2 N | SNOWFALL |||||||.8||T||||||||||||||||||||||
|  | SN ON GND |||||||1|T|T||||||||||||||||||||||

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 | | 7A | | | WALTER J SCHANCK |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT MAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F GROPPE |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A | | | CHARLES KOOMS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 N | 4987 | 03 | MONMOUTH | 1 | 40 20 | 74 00 | 10 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MANVILLE | 5197 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | JOHN L. RADCLIFFE |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 9A | 9A | | C H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH M. GARRIS. III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEW MONMOUTH | 6154 | 02 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P | | | ST. MARYS SCHOOL |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 3P | 3P | | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 | | 7A | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P | | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA MILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO. JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MAMMERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown

// Gage is equipped with a windshield.

B Adjusted to a full month

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE -3/3/69-880

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# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
FEBRUARY 1969
Volume 74 No. 2

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## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | No. of Days | | | | Precipitation | | | | Snow, Sleet | | | No. of Days | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | Max. 90° or Above | Max. 32° or Below | Min. 32° or Below | Min. 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 38.1 | 20.8 | 29.5 | - 1.8 | 49 | 22 | 6 | 11 | 988 | 0 | 5 | 28 | 0 | 1.72 | - 1.40 | .48 | 20 | 16.8 | 6 | 20+ | 7 | 0 | 0 |
| BOONTON 1 SE | 36.7 | 20.6 | 28.7 | - .8 | 46 | 22 | 2 | 15 | 1011 | 0 | 5 | 28 | 0 | 1.53 | - 1.20 | .34 | 10 | 13.6 | 4 | 10+ | 5 | 0 | 0 |
| CANOE BROOK | 37.3 | 20.3 | 28.8 | - .8 | 47 | 1 | 7 | 16+ | 1008 | 0 | 3 | 28 | 0 | 2.96 | .00 | .90 | 10 | 18.5 | 13 | 10 | 5 | 4 | 0 |
| CHARLOTTEBURG | 34.5 | 18.4 | 26.5 | - 2.6 | 45 | 22 | 10 | 16+ | 1072 | 0 | 8 | 28 | 0 | 1.89 | - 1.28 | .73 | 10 | 18.5 | 14 | 11+ | 5 | 1 | 0 |
| CRANFORD | 38.6 | 24.2 | 31.4 | | 45 | 12+ | 11 | 11 | 931 | 0 | 2 | 25 | 0 | 2.68 | | 1.43 | 9 | 16.0 | 12 | 9 | 5 | 1 | 1 |
| ELIZABETH | 39.0M | 25.2 | 32.1M | - 1.2 | 45 | 25+ | 11 | 11 | 924 | 0 | 1 | 23 | 0 | 2.65 | - .63 | 1.31 | 9 | 12.5 | 12 | 9 | 5 | 2 | 1 |
| ESSEX FELLS SERV BLDG | 36.5 | 22.6 | 29.6 | | 45 | 22+ | 9 | 11 | 987 | 0 | 5 | 27 | 0 | 2.31 | | .53 | 9 | 22.6 | 15 | 10 | 5 | 1 | 0 |
| FLEMINGTON 1 NE | 37.4 | 21.4 | 29.4 | - 2.9 | 49 | 22 | 11 | 12+ | 992 | 0 | 5 | 28 | 0 | 2.55 | - .23 | .75 | 9 | 20.5 | 13 | 11+ | 6 | 2 | 0 |
| HIGH POINT PARK | 31.0 | M | M | | 40 | 22 | | | | 0 | 19 | | | | | | | | | | | | |
| JERSEY CITY | 36.6 | 27.0 | 31.8 | - .9 | 43 | 25+ | 15 | 15 | 920 | 0 | 2 | 20 | 0 | 1.46 | - 1.44 | .60 | 9 | | | | 4 | 1 | 0 |
| LAMBERTVILLE | 39.2 | 24.0 | 31.6 | - .9 | 46 | 21 | 12 | 11+ | 928 | 0 | 2 | 27 | 0 | 2.02 | - .70 | .85 | 9 | 12.0 | 8 | 9 | 6 | 1 | 0 |
| LAYTON 2 | 36.5 | 16.7 | 26.6 | | 46 | 22 | 3 | 16 | 1068 | 0 | 4 | 28 | 0 | 1.30 | | .32 | 9 | 11.7 | 7 | 20 | 4 | 0 | 0 |
| LITTLE FALLS | 37.9 | 23.3 | 30.6 | - 1.1 | 47 | 1 | 13 | 11 | 957 | 0 | 4 | 27 | 0 | 2.41 | - .66 | .66 | 10 | 15.7 | 12 | 11+ | 5 | 2 | 0 |
| LONG VALLEY | 36.3 | 18.3 | 27.3 | | 46 | 22 | 8 | 14+ | 1050 | 0 | 5 | 28 | 0 | 2.25 | - .77 | .70 | 9 | 20.0 | | | 6 | 1 | 0 |
| MORRIS PLAINS 1 W | 36.4 | 21.0 | 28.7 | | 45 | 1 | 7 | 6 | 1012 | 0 | 5 | 28 | 0 | 1.77 | | .50 | 10 | 22.0 | 15 | 10 | 5 | 1 | 0 |
| NEWARK WB AIRPORT R | 36.7 | 25.9 | 31.3 | - 1.4 | 43 | 21 | 15 | 15+ | 938 | 0 | 5 | 23 | 0 | 2.68 | - .12 | 1.35 | 9 | 16.5 | 14 | 10 | 5 | 1 | 1 |
| NEWTON | 35.2 | 18.9 | 27.1 | - 1.0 | 42 | 22+ | 9 | 11+ | 1058 | 0 | 7 | 28 | 0 | 1.63 | - .94 | .48 | 10 | 19.0 | | | 5 | 0 | 0 |
| PATERSON | 38.6 | 26.1 | 32.4 | .3 | 47 | 2 | 15 | 14 | 909 | 0 | 3 | 23 | 0 | 2.81 | - .34 | 1.33 | 10 | 18.0 | | | 6 | 2 | 1 |
| PHILLIPSBURG | 40.6 | 23.8 | 32.2 | .8 | 48 | 22 | 14 | 11 | 911 | 0 | 2 | 26 | 0 | 2.76 | - .30 | 1.11 | 20 | 14.0 | 6 | 20+ | 6 | 2 | 1 |
| PLAINFIELD | 37.8 | 24.8 | 31.3 | - 1.2 | 45 | 21 | 10 | 11 | 937 | 0 | 3 | 25 | 0 | 2.67 | - .35 | 1.27 | 9 | 19.6 | 12 | 10+ | 6 | 1 | 1 |
| SOMERVILLE | 38.4 | 23.9 | 31.2 | - .8 | 44 | 24+ | 11 | 11 | 939 | 0 | 2 | 27 | 0 | 1.95 | - .80 | .89 | 9 | 13.7 | 10 | 10+ | 6 | 1 | 0 |
| SUSSEX 1 SE | 34.9M | 15.0M | 25.0M | - 3.9 | 42 | 22 | 0 | 16 | 1119 | 0 | 7 | 27 | 1 | 1.52 | - 1.20 | .77 | 10 | | | | 4 | 1 | 0 |
| DIVISION | | | 29.7 | - 1.2 | | | | | | | | | | 2.17 | - .75 | | | 16.9 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 39.2 | 24.3 | 31.8 | - 2.9 | 47 | 25+ | 7 | 6 | 926 | 0 | 2 | 21 | 0 | 2.38 | - .75 | .93 | 9 | 7.0 | 2 | 21+ | 4 | 2 | 0 |
| AUDUBON | 39.9 | 27.2 | 33.6 | | 45 | 25+ | 18 | 14+ | 874 | 0 | 0 | 23 | 0 | 2.37 | | .75 | 9 | 7.0 | 4 | 20 | 6 | 2 | 0 |
| BELLEPLAIN ST FOREST | 41.1M | 26.6M | 33.9M | | 49 | 1 | 14 | 16+ | 866 | 0 | 0 | 23 | 0 | 3.01 | - .17 | .95 | 9 | 3.0 | 3 | 20 | 5 | 4 | 0 |
| BURLINGTON | 38.8 | 28.4 | 33.6 | - 1.3 | 45 | 28 | 15 | 15+ | 869 | 0 | 4 | 23 | 0 | 2.53 | - .37 | .85 | 9 | 1.5 | T | 19 | | | 0 |
| CHATSWORTH | 39.9 | 24.0 | 32.0 | | 47 | 1 | 4 | 11 | 920 | 0 | 0 | 26 | 0 | 3.48 | | 1.75 | 9 | | | | 6 | 2 | 1 |
| FREEHOLD | 35.8 | 22.8 | 29.3 | - 3.7 | 47 | 1 | 9 | 15+ | 994 | 0 | 5 | 27 | 0 | 3.15 | .01 | .93 | 10 | 13.7 | 11 | 10 | 5 | 4 | 0 |
| GLASSBORO | 39.5 | 25.1 | 32.3 | | 49 | 1 | 16 | 15 | 909 | 0 | 1 | 27 | 0 | 2.24 | | .65 | 23+ | | | | 5 | 3 | 0 |
| HAMMONTON 2 NNE | 40.3 | 25.8 | 33.1 | - 1.4 | 51 | 1 | 15 | 15 | 888 | 0 | 1 | 26 | 0 | 2.93 | - .32 | 1.08 | 9 | | | | 6 | 2 | 1 |
| HIGHTSTOWN 1 N | 37.4 | 24.4 | 30.9 | - 2.0 | 42 | 24+ | 12 | 16+ | 948 | 0 | 2 | 26 | 0 | 2.89 | .16 | 1.45 | 9 | 17.3 | 10 | 10+ | 5 | 2 | 1 |
| INDIAN MILLS 2 W | 38.5 | 24.4 | 31.5 | - 2.3 | 45 | 6 | 9 | 11+ | 931 | 0 | 2 | 26 | 0 | 2.88 | - .23 | 1.18 | 9 | 7.8 | 3 | 9 | 6 | 3 | 1 |
| MILLVILLE | 40.7 | 25.9 | 33.3 | | 52 | 1 | 16 | 15+ | 880 | 0 | 0 | 24 | 0 | 2.87 | | .97 | 9 | 4.0 | 4 | 20 | 7 | 2 | 0 |
| MILLVILLE FAA AIRPORT | 39.3 | 26.9 | 33.1 | | 46 | 3 | 15 | 11 | 886 | 0 | 0 | 21 | 0 | 2.89 | | .87 | 9 | 1.0 | 1 | 22+ | 6 | 2 | 0 |
| MOORESTOWN | 37.7 | 24.8 | 31.3 | - 2.1 | 43 | 24+ | 13 | 5 | 939 | 0 | 4 | 28 | 0 | 2.59 | - .14 | | | | | | | | 0 |
| NEW BRUNSWICK | 37.0 | 24.8 | 30.9 | | 48 | 1 | 14 | 16+ | 949 | 0 | 5 | 25 | 0 | 2.66 | | .75 | 24 | 17.9 | 11 | 10 | 5 | 3 | 0 |
| PEMBERTON 3 E | 38.1 | 24.4 | 31.3 | - 3.0 | 44 | 11 | 10 | 11 | 939 | 0 | 2 | 26 | 0 | 3.19 | .31 | 1.65 | 9 | 11.0 | 6 | 10+ | 6 | 1 | 1 |
| SEABROOK FARMS | 39.1 | 26.9 | 33.0 | | 50 | 1 | 19 | 15+ | 888 | 0 | 2 | 24 | 0 | 2.66 | | | | | | | | | 0 |
| SHILOH | 39.5 | 26.9 | 33.2 | - 1.7 | 45 | 12+ | 17 | 15+ | 884 | 0 | 0 | 24 | 0 | 2.56 | - .33 | .74 | 9 | | | | 6 | 2 | 0 |
| TOMS RIVER | 38.0 | 24.8 | 31.4 | | 50 | 1 | 9 | 11 | 936 | 0 | 3 | 25 | 0 | 3.48 | | 1.00 | 9 | | | | 6 | 4 | 1 |
| TRENTON WB CITY R | 37.6 | 27.8 | 32.7 | - .7 | 43 | 25+ | 17 | 15 | 898 | 0 | 4 | 22 | 0 | 2.60 | .01 | 1.17 | 9 | 14.5 | 8 | 10 | 5 | 2 | 1 |
| TUCKERTON | 38.5 | 25.9 | 32.2 | | 45 | 12+ | 7 | 11 | 911 | 0 | 1 | 24 | 0 | 3.92 | | 2.28 | 9 | 11.2 | 7 | 9 | 6 | 1 | 1 |
| WOODSTOWN | 39.4 | 24.1 | 31.8 | | 45 | 11 | 10 | 15 | 925 | 0 | 1 | 27 | 0 | 2.34 | | .75 | 20 | 8.0 | 6 | 20 | 5 | 3 | 0 |
| DIVISION | | | 32.2 | - 1.5 | | | | | | | | | | 2.84 | - .15 | | | 8.9 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 37.9 | 29.2 | 33.6 | - 2.1 | 47 | 3 | 20 | 15 | 872 | 0 | 1 | 20 | 0 | 2.92 | - .46 | 1.43 | 9 | | | | 5 | 1 | 1 |
| CAPE MAY 1 NW | 39.3 | 28.3 | 33.8 | | 50 | 1 | 20 | 15 | 866 | 0 | 1 | 21 | 0 | 2.80 | | .91 | 9 | 3.0 | | | 6 | 2 | 0 |
| LONG BRANCH 2 N | 37.5 | 25.5 | 31.5 | - 1.5 | 45 | 12 | 13 | 15+ | 929 | 0 | 2 | 25 | 0 | 3.24 | - .30 | 1.69 | 9 | 13.2 | 11 | 9 | 6 | 1 | 1 |
| DIVISION | | | 33.0 | - 1.3 | | | | | | | | | | 2.99 | - .13 | | | 8.1 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>MILLVILLE | 52 | DATE | 01 |
| LOWEST TEMPERATURE<br>SUSSEX 1 SE | 0 | DATE | 16 |
| GREATEST TOTAL PRECIPITATION<br>TUCKERTON | 3.92 | | |
| LEAST TOTAL PRECIPITATION<br>BRANCHVILLE | 1.27 | | |
| GREATEST 1 DAY PRECIPITATION<br>TUCKERTON | 2.28 | DATE | 09 |
| GREATEST TOTAL SNOWFALL<br>GREENWOOD LAKE | 25.0 | | |
| GREATEST DEPTH OF SNOW<br>RAHWAY | 16 | DATE | 09 |

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 8

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# NEW JERSEY - FEBRUARY 1969

## SPECIAL WEATHER SUMMARY

Heavy snowfalls notwithstanding, precipitation was below normal throughout the State during February. The northern third of the State received from 17 to 22 inches of snow during the month. Much of this fell in the storm on the 9th, which paralyzed the northern and central counties. Central New Jersey received from 10 to 18 inches of snow during the month, and the southern third of the State from 5 to 10 inches. Most of the snow over south Jersey fell on the 20th. A condition of mild meteorological drought still persists in all parts of the Garden State.

Donald V. Dunlap
ESSA-Weather Bureau State Climatologist
Department of Meteorology
College of Agriculture & Environmental Science
Rutgers University - The State University
New Brunswick, New Jersey 08903

# DAILY PRECIPITATION

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NORTHERN 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BELVIDERE | 1.72 | T | .10 | .08 | .22 | .10 | T |  |  | .39 | .11 |  |  | T |  |  |  |  |  | T | .48 | T |  | T | .24 |  |  | T | T |  |  |  |
| BERNARDSVILLE 2 E | 2.63 | T | .07 | .05 | .34 | .02 |  |  |  | .37 | 1.10 |  |  |  |  |  |  |  |  |  | .20 |  |  |  | .48 |  |  | T |  |  |  |  |
| BLACKWELLS MILLS | 2.14 | .02 |  | T |  |  |  |  |  | .44 | .85 |  |  |  |  |  |  | T |  |  | .22 |  |  |  | .61 |  |  |  |  |  |  |  |
| BOONTON 1 SE | 1.53 | T | T | .06 | .25 | .01 | T |  |  | .32 | .34 |  | T |  |  |  |  |  | T |  | .24 |  |  |  | .31 |  | T | T | T |  |  |  |
| BOUND BROOK 2 W | 1.81 | .01 | .04 | .05 | .18 |  |  |  |  | .43 | .42 |  |  |  |  |  |  |  | T |  | .22 |  |  |  | .46 |  |  |  |  |  |  |  |
| BRANCHVILLE | 1.27 | T | .09 | .06 | .29 | .03 |  |  |  | T | .56 |  |  | T |  |  |  |  |  |  | .13 |  |  |  | .11 |  |  | T |  |  |  |  |
| CANISTEAR RESERVOIR | 2.28 | T | .08 | .04 | .32 | .02 |  |  |  | .38 | .86 |  |  | T |  |  |  |  |  |  | .30 |  |  |  | .25 |  | T | .03 |  |  |  |  |
| CANOE BROOK | 2.96 | .01 | .06 | .05 | .30 | .01 |  |  |  | .62 | .90 |  |  | T |  |  |  |  | T |  | .51 |  |  | T | .50 |  | T | T | T |  |  |  |
| CHARLOTTEBURG | 1.89 | T | .08 | .06 | .29 | T |  |  |  | .22 | .73 |  |  | T |  |  |  |  |  |  | .21 |  |  |  | .28 |  | T | .02 |  |  |  |  |
| CLINTON | 1.60 | .04 |  | .07 |  | T |  |  |  | .50 | .20 |  |  |  |  |  |  |  | T |  | .47 |  |  | .02 | .30 |  | T |  |  |  |  |  |
| CRANFORD | 2.68 | .09 |  | .38 |  | T |  |  |  | 1.43 | T |  |  | T |  |  |  |  | T | .04 | .23 |  |  | .11 | .40 |  | T | T |  |  |  |  |
| ELIZABETH | 2.65 | .01 |  | .58 | .02 |  |  |  |  | 1.31 | .12 |  |  |  |  |  |  |  |  | .03 | .23 |  |  | .01 | .34 |  | T | T |  |  |  |  |
| ESSEX FELLS SERV BLDG | - | - | - | .09 | .26 | .03 |  |  |  | .53 | .47 |  |  | T |  |  |  |  |  | T | .40 |  |  |  | .43 |  |  | .02 |  |  |  |  |
| FLEMINGTON 1 NE | 2.55 | .07 |  | .12 |  | .12 |  |  |  | .75 | .63 |  |  |  |  |  |  |  | T |  | .48 |  |  | T | .38 |  |  | T |  |  |  |  |
| GREENWOOD LAKE | 2.70 | T | .10 | .05 | .30 |  | .01 |  |  | .27 | 1.20 |  |  |  |  |  |  |  |  |  | .40 |  |  |  | .27 |  | .03 | .05 | .02 |  |  |  |
| HIGH POINT PARK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |  |  |
| JERSEY CITY | 1.46 | .09 |  | .36 |  | T |  |  |  | .60 |  |  |  |  |  |  |  |  |  | .24 | .10 |  |  | .05 | T |  | T | .02 |  |  |  |  |
| LAMBERTVILLE | 2.02 | .11 |  | .28 |  | T |  |  |  | .85 |  |  |  |  |  |  |  |  | T | .03 | .35 |  |  | .30 | .10 |  |  |  |  |  |  |  |
| LAYTON 2 | 1.30 | T | .07 | .04 | .23 | .01 |  |  |  | .32 | .31 |  |  | T |  |  |  |  | T |  | .24 | T |  | T | .08 |  | T | T | T |  |  |  |
| LITTLE FALLS | 2.41 | .01 | .05 | .07 | .27 | .02 |  |  |  | .51 | .66 |  |  |  |  |  |  |  |  |  | .37 |  |  |  | .44 |  |  | .01 |  |  |  |  |
| LONG VALLEY | 2.25 | .10 |  | .05 | .32 | .08 |  |  |  | .70 | .40 |  |  |  |  |  |  |  |  |  | .30 |  |  |  | .30 |  |  |  |  |  |  |  |
| MAHWAH | 2.36 |  | .10 | .05 | .30 |  |  |  |  | .23 | 1.01 |  |  |  |  |  |  |  |  |  | .33 |  |  |  | .33 |  | T | .01 |  |  |  |  |
| MANVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |  |  |
| MIDLAND PARK | 2.41 | .08 |  | .35 |  |  |  |  |  | 1.30 | T | T | T | T | T | T | T | T | T | .22 | .09 | T | T | .34 | .03 | T | T |  | T |  |  |  |
| MILTON | 2.59 |  | .11 |  | .29 | .10 |  |  |  | .65 | .75 |  |  | .05 |  |  |  |  |  |  | .30 |  |  | .02 | .21 |  | .01 | .10 |  |  |  |  |
| MORRIS PLAINS 1 W | 1.77 | T | .06 | .08 | .33 | .03 | T |  |  | .22 | .50 |  |  | .02 |  |  |  |  | T |  | .19 |  |  | T | .34 | T | T | T |  |  |  |  |
| NEWARK WB AIRPORT R | 2.68 | .07 |  | .37 | .01 | T |  |  | T | 1.35 | .05 |  | T |  |  |  |  |  | T | .14 | .18 |  | T | .43 | .07 | T | T | .01 |  |  |  |  |
| NEW MILFORD | 2.22 | .12 | .02 | .40 |  |  |  |  |  | 1.16 | .02 |  |  |  |  |  |  |  |  | .11 | .09 |  |  | .25 | .05 |  |  |  |  |  |  |  |
| NEWTON | 1.63 | .04 | .08 | .04 | .27 | .03 |  |  |  | .27 | .48 |  |  | T |  |  |  |  |  |  | .26 |  |  | T | .16 |  |  | T |  |  |  |  |
| OAK RIDGE RESERVOIR | 2.20 | T | .10 | .06 | .29 | .01 |  |  |  | .36 | .82 |  |  | T |  |  |  |  |  |  | .27 |  |  |  | .27 |  | T | .02 |  |  |  |  |
| PATERSON | 2.81 | T | .08 | .10 | .38 | T |  |  |  | .27 | 1.33 |  |  | T |  |  |  |  |  | T | .14 |  |  |  | .50 |  | T | .01 |  |  |  |  |
| PHILLIPSBURG | 2.76 | .10 |  | .28 |  |  |  |  |  | .96 |  |  |  |  |  |  |  |  |  |  | 1.11 |  |  | .15 | .16 |  |  |  |  |  |  |  |
| PHILLIPSBURG BRIDGE | 2.20 | .10 |  | .09 | .19 | T |  |  |  | .30 | .20 |  |  |  |  |  |  |  | T |  | 1.11 | T |  |  | .21 |  |  |  |  |  |  |  |
| PLAINFIELD | 2.67 | .08 |  | .36 |  | T |  |  |  | 1.27 |  |  | T |  |  |  |  |  | T | .12 | .25 |  | T | .18 | .41 | T | T | T |  |  |  |  |
| POTTERSVILLE 2 NNW | 1.79 | .08 | .02 | .05 | .32 | .01 |  |  |  | .28 | .50 |  |  | T |  |  |  |  |  |  | .21 |  |  | T | .32 |  | T |  |  |  |  |  |
| RAHWAY | 2.23 | .02 |  | .02 | T |  |  |  |  | 1.30 |  |  |  |  |  |  |  |  | T | .20 | .14 |  |  | .25 | .30 | T | T | T |  |  |  |  |
| RINGWOOD | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |  |  |
| SOMERVILLE | 1.95 | .13 |  | .34 | T | T |  |  |  | .89 |  |  |  |  |  |  |  |  |  | T | .20 |  |  | .21 | .18 |  |  |  |  |  |  |  |
| SPLIT ROCK POND | 1.76 | .03 | .05 | .07 | .29 | .05 |  |  |  | .32 | .43 |  |  |  |  |  |  |  |  |  | .23 |  |  |  | .29 |  |  |  |  |  |  |  |
| SUSSEX 1 SE | 1.52 | T | .09 | .03 | .11 | T |  |  |  | .32 | .77 |  |  | T |  |  |  |  |  |  | .11 |  |  |  | .06 |  |  | .03 |  |  |  |  |
| WANAQUE RAYMOND DAM | 1.74 | .04 |  | .14 | .24 | T |  |  |  | .31 | .22 |  |  |  |  |  |  |  |  |  | .46 |  |  |  | .33 |  |  | T |  |  |  |  |
| WERTSVILLE | 1.52 | .02 | .05 | .06 | .16 | T |  |  |  | .30 | .19 |  |  |  |  |  |  |  |  |  | .41 | T |  | T | .33 |  | T | T |  |  |  |  |
| WEST WHARTON | 1.77 | T | .11 | .04 | .38 | .05 |  |  |  | .28 | .51 |  |  | .01 |  |  |  |  |  |  | .10 |  |  | T | .28 |  |  | .01 |  |  |  |  |
| WOODCLIFF LAKE | 2.58 | .05 |  | .30 |  |  |  |  |  | 1.27 | .09 |  |  |  |  |  |  |  |  | .24 | .13 |  |  | .30 | .15 |  |  | .05 |  |  |  |  |
| SOUTHERN 02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY WB AP | 2.38 | .36 | .02 | .06 | T | T |  |  | T | .93 |  |  |  |  |  |  |  | T | T | .05 | .51 |  | T | .37 | .08 | T | T | T |  |  |  |  |
| AUDUBON | 2.37 | .24 | T | .11 |  |  |  |  | T | .75 |  |  | T |  |  |  |  |  | T | T | .65 |  | T | .45 | .17 |  |  |  |  |  |  |  |
| BASS RIVER ST FOREST | 3.84 |  |  | .42 | .06 |  |  |  |  |  | 1.98 |  |  |  |  |  |  |  |  |  | .58 | .07 |  |  |  | .73 |  |  |  |  |  |  |
| BELLEPLAIN ST FOREST | 3.01 | .54 | .09 | .15 |  |  |  |  |  | .95 |  |  |  |  |  |  |  |  |  | .01 | .60 |  |  | .09 | .58 |  |  |  |  |  |  |  |
| BURLINGTON | 2.53 | .17 |  | .18 | T | T |  |  |  | .85 |  |  |  |  |  |  |  |  |  | * | .60 |  |  | .30 | .43 |  |  |  |  |  |  |  |
| CANTON | 2.28 | .24 |  |  |  |  |  |  |  | .73 |  |  |  |  |  |  |  |  |  |  | .45 | .30 |  | .03 | .53 |  |  |  |  |  |  |  |
| CHATSWORTH | 3.48 | .35 |  | .20 |  |  |  |  |  | 1.75 |  |  |  |  |  |  |  |  |  |  | .40 |  |  | .15 | .61 |  |  | .02 |  |  |  |  |
| FORTESCUE | 2.31 | .15 |  | .27 |  |  |  |  |  | .76 |  |  |  |  |  |  |  |  |  |  | .31 |  |  |  | .82 |  |  |  |  |  |  |  |
| FREEHOLD | 3.15 | .07 | .08 | .07 | .17 | T |  |  |  | .77 | .93 |  |  |  | T |  |  |  | T |  | .50 | T |  | .01 | .54 |  |  | .01 | T |  |  |  |
| GLASSBORO | 2.24 |  | T | .12 |  |  |  |  |  | .56 | .26 |  |  |  |  |  |  |  |  |  | .65 |  |  | .65 |  |  |  | T |  |  |  |  |
| HAMMONTON 2 NNE | 2.93 | .20 |  | .26 | .03 |  |  |  |  | 1.08 | .15 |  |  |  |  |  |  |  |  |  | .49 |  |  |  | .72 |  |  |  |  |  |  |  |
| HIGHTSTOWN 1 N | 2.89 | .08 |  | .23 |  |  | .01 |  |  | 1.45 |  |  | T | T |  |  |  |  | T | .01 | .27 |  | T | .26 | .58 |  | T | T |  |  |  |  |
| INDIAN MILLS 2 W | 2.88 | .24 |  | .14 |  |  |  |  |  | 1.18 | T |  |  |  |  |  |  |  |  | T | .52 |  |  | .26 | .54 |  |  | T |  |  |  |  |
| MAYS LANDING 1 W | 3.37 | .12 | .26 | .08 | .05 |  |  |  |  | 1.10 | .22 |  |  |  |  |  |  |  | T |  | .53 | .12 | T |  | .89 |  |  | T | T |  |  |  |
| MILLVILLE | 2.87 | .18 | .17 | .15 | .16 |  |  |  |  | .97 | .08 |  |  |  |  |  |  |  |  |  | .48 | T |  |  | .68 |  |  |  |  |  |  |  |
| MILLVILLE FAA AIRPORT | 2.89 | .32 | .07 | .27 |  |  |  |  | .02 | .87 |  |  |  |  |  |  |  |  |  | .19 | .44 |  | T | .71 | T | T |  | T |  |  |  |  |
| MOORESTOWN | 2.59 | * | * | .37 | T |  | T |  |  | * | .92 |  |  |  |  |  |  |  | T |  | .60 | T |  | * | .70 |  |  | T |  |  |  |  |
| NEW BRUNSWICK | 2.66 | .06 | .03 | .07 | .19 | T |  |  |  | .61 | .39 |  |  |  | T |  |  |  | T |  | .56 | T | T |  | .75 |  |  | T | T |  |  |  |
| PEMBERTON 3 E | 3.19 | .24 |  | .17 |  |  |  |  |  | 1.65 |  |  |  |  |  |  |  |  |  | .03 | .36 |  |  | .27 | .47 |  |  |  |  |  |  |  |
| PRINCETON WATER WORKS | 2.20 | .04 | T | .22 |  | T |  |  | T | 1.01 |  |  |  |  |  |  |  |  |  | .10 | .12 |  |  | .71 | T |  | T |  |  |  |  |  |
| SEABROOK FARMS | 2.66 | .14 | * | .27 | .12 |  |  |  |  | * | .83 |  |  |  |  |  |  |  |  |  | .37 | .27 |  | * | .65 | .01 |  |  |  |  |  |  |
| SHILOH | 2.56 | .30 | .04 | .18 |  |  |  |  |  | .74 |  |  |  |  |  |  |  |  |  | T | .60 |  |  | .39 | .31 |  |  |  |  |  |  |  |
| TOMS RIVER | 3.48 | .12 | .27 | .06 | .07 |  |  |  |  | 1.00 | .71 |  |  |  |  |  |  |  |  |  | .54 |  |  |  | .71 |  |  |  |  |  |  |  |
| TRENTON WB CITY R | 2.60 | .12 | .01 | .21 | T |  |  |  | .02 | 1.17 |  |  |  |  |  |  |  |  | T | .09 | .20 |  | T | .78 | T | T | T | T |  |  |  |  |
| TUCKERTON | 3.92 | .40 | T | .07 |  | T |  |  |  | 2.28 | .02 |  |  |  |  |  |  |  | .01 | .12 | .39 |  | T | .15 | .48 |  | T | T |  |  |  |  |
| WOODSTOWN | 2.34 | .24 |  | .10 |  |  |  |  |  | .71 |  |  |  |  |  |  |  |  | T | T | .75 |  | T | .54 |  |  | T |  |  |  |  |  |
| COASTAL 03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY R | 2.92 | .41 | .03 | .08 |  |  |  |  |  | 1.43 |  |  |  |  |  |  |  |  |  | .13 | .47 |  |  | .32 | .05 |  |  |  |  |  |  |  |
| BELMAR 2 SW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |  |  |
| CAPE MAY 1 NW | 2.80 | .09 | .28 | .04 |  |  |  |  |  | .91 | .12 |  |  |  |  |  |  |  | T | .06 | .43 | .20 |  |  | .67 |  |  |  |  |  |  |  |
| LONG BRANCH 2 N | 3.24 | .19 |  | .23 | .01 |  |  |  |  | 1.69 | T |  |  | T |  |  |  |  |  | .28 | .31 |  | T | .06 | .42 |  | .01 | .04 |  |  |  |  |

# SUPPLEMENTAL DATA

| Station | Wind (Speed - m.p.h.) |  |  |  |  |  | Relative humidity averages - percent |  |  |  | Number of days with precipitation |  |  |  |  |  |  | Percent of possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | EASTERN STANDARD TIME 1 AM | 7 AM | 1 PM | 7 PM | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total |  |  |
| ATLANTIC CITY WB AIRPORT | 34 | 9.3 | 15.0 | 40++ | 32 | 09 | 74 | 79 | 61 | 68 | 9 | 4 | 2 | 2 | 0 | 0 | 17 | 31 | 7.5 |
| ATLANTIC CITY ST. MARINA | - | - | - | 52 | NW | 10 | - | - | - | - | 0 | 3 | 4 | 0 | 1 | 0 | 8 | - | - |
| NEWARK WB AIRPORT | 32 | 7.5 | 12.1 | 32++ | 30 | 09 | 71 | 75 | 61 | 66 | 7 | 5 | 4 | 0 | 1 | 0 | 17 | - | 7.5 |
| TRENTON WB CITY | - | - | - | 40 | NW | 10 | - | - | - | - | 7 | 3 | 3 | 1 | 1 | 0 | 15 | 43 | 7.3 |

See reference notes following Station Index.

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 46 | 32 | 41 | 37 | 30 | 30 | 39 | 41 | 36 | 34 | 35 | 36 | 41 | 32 | 30 | 37 | 40 | 41 | 39 | 38 | 42 | 49 | 37 | 39 | 45 | 40 | 38 | 42 | | | | 38.1 |
| | MIN | 26 | 23 | 27 | 19 | 16 | 13 | 19 | 13 | 25 | 15 | 6 | 15 | 18 | 13 | 13 | 13 | 17 | 24 | 27 | 28 | 19 | 20 | 24 | 29 | 32 | 29 | 30 | 28 | | | | 20.8 |
| BOONTON 1 SE | MAX | 45 | 35 | 40 | 39 | 27 | 29 | 37 | 38 | 37 | 32 | 34 | 40 | 43 | 31 | 27 | 33 | 39 | 36 | 37 | 38 | 39 | 46 | 36 | 36 | 40 | 40 | 36 | 37 | | | | 36.7 |
| | MIN | 30 | 27 | 26 | 18 | 15 | 9 | 18 | 14 | 12 | 10 | 19 | 24 | 21 | 6 | 2 | 9 | 19 | 24 | 26 | 31 | 32 | 19 | 28 | 32 | 25 | 28 | 27 | 26 | | | | 20.6 |
| CANOE BROOK | MAX | 47 | 36 | 38 | 37 | 29 | 31 | 39 | 37 | 38 | 33 | 35 | 39 | 44 | 35 | 30 | 35 | 41 | 37 | 37 | 38 | 39 | 42 | 36 | 35 | 43 | 43 | 33 | 36 | | | | 37.3 |
| | MIN | 28 | 26 | 25 | 22 | 12 | 10 | 17 | 12 | 18 | 19 | 7 | 15 | 16 | 13 | 12 | 7 | 13 | 18 | 28 | 31 | 31 | 18 | 23 | 30 | 32 | 29 | 28 | 27 | | | | 20.3 |
| CHARLOTTEBURG | MAX | 42 | 36 | 39 | 34 | 25 | 28 | 34 | 35 | 35 | 31 | 30 | 39 | 39 | 29 | 23 | 30 | 36 | 35 | 36 | 35 | 39 | 45 | 33 | 34 | 39 | 38 | 32 | 35 | | | | 34.5 |
| | MIN | 25 | 27 | 24 | 17 | 17 | 12 | 14 | 10 | 10 | 19 | 18 | 14 | 13 | 11 | 11 | 10 | 11 | 11 | 25 | 27 | 28 | 12 | 14 | 29 | 30 | 25 | 25 | 25 | | | | 18.4 |
| CRANFORD | MAX | 45 | 40 | 39 | 38 | 30 | 40 | 40 | 38 | 34 | 35 | 40 | 45 | 37 | 30 | 35 | 38 | 38 | 37 | 38 | 40 | 44 | 43 | 35 | 43 | 43 | 40 | 36 | 41 | | | | 38.6 |
| | MIN | 29 | 31 | 27 | 21 | 22 | 13 | 23 | 17 | 29 | 22 | 11 | 18 | 20 | 15 | 13 | 16 | 16 | 28 | 31 | 33 | 32 | 24 | 34 | 32 | 33 | 29 | 28 | 30 | | | | 24.2 |
| ELIZABETH | MAX | | | | | 33 | 39 | 41 | 40 | 37 | 36 | 37 | 43 | 37 | 31 | 37 | 38 | 38 | 38 | 40 | 40 | 42 | 41 | 37 | 45 | 45 | 40 | 38 | 42 | | | | 39.0 |
| | MIN | 31 | 31 | 30 | 22 | 21 | 15 | 25 | 20 | 30 | 21 | 11 | 22 | 19 | 15 | 13 | 14 | 21 | 21 | 32 | 33 | 35 | 27 | 34 | 32 | 35 | 30 | 35 | 30 | | | | 25.2 |
| ESSEX FELLS SERV BLDG | MAX | | | 39 | 35 | 28 | 31 | 39 | 36 | 36 | 31 | 35 | 40 | 41 | 32 | 28 | 35 | 39 | 37 | 36 | 36 | 38 | 45 | 35 | 35 | 41 | 41 | 35 | 36 | | | | 36.2 |
| | MIN | | | 28 | 19 | 18 | 15 | 20 | 25 | 25 | 20 | 9 | 19 | 17 | 13 | 10 | 10 | 19 | 25 | 29 | 31 | 30 | 23 | 31 | 31 | 33 | 28 | 26 | 28 | | | | 22.4 |
| FLEMINGTON 1 NE | MAX | 47 | 32 | 39 | 39 | 28 | 28 | 42 | 39 | 37 | 33 | 33 | 41 | 41 | 32 | 29 | 35 | 37 | 38 | 38 | 38 | 40 | 49 | 35 | 34 | 43 | 42 | 38 | 39 | | | | 37.4 |
| | MIN | 25 | 26 | 29 | 22 | 12 | 11 | 12 | 14 | 16 | 22 | 14 | 11 | 16 | 15 | 14 | 12 | 16 | 24 | 29 | 28 | 32 | 17 | 25 | 32 | 31 | 30 | 32 | 31 | | | | 21.4 |
| HIGH POINT PARK | MAX | 34 | 35 | 36 | 31 | 19 | 23 | 31 | 39 | 32 | 27 | 25 | 32 | 28 | 29 | 28 | 27 | 32 | 32 | 35 | 30 | 34 | 40 | 29 | 29 | 36 | 33 | 30 | 31 | | | | 31.0 |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | MAX | 40 | 39 | 37 | 33 | 31 | 39 | 37 | 37 | 35 | 34 | 37 | 43 | 34 | 28 | 34 | 36 | 36 | 35 | 36 | 38 | 42 | 36 | 36 | 40 | 43 | 36 | 35 | 39 | | | | 36.6 |
| | MIN | 35 | 34 | 33 | 23 | 24 | 22 | 24 | 25 | 26 | 23 | 22 | 21 | 21 | 16 | 15 | 21 | 24 | 29 | 31 | 33 | 34 | 32 | 33 | 33 | 36 | 30 | 28 | 29 | | | | 27.0 |
| LAMBERTVILLE | MAX | 40 | 41 | 40 | 37 | 32 | 43 | 42 | 38 | 36 | 35 | 43 | 41 | 35 | 31 | 37 | 38 | 42 | 38 | 40 | 40 | 46 | 39 | 36 | 44 | 42 | 40 | 40 | 41 | | | | 39.2 |
| | MIN | 28 | 29 | 31 | 22 | 21 | 12 | 23 | 16 | 31 | 23 | 12 | 18 | 22 | 16 | 15 | 14 | 16 | 25 | 32 | 31 | 26 | 19 | 32 | 32 | 34 | 31 | 31 | 31 | | | | 24.0 |
| LAYTON 2 | MAX | 43 | 34 | 40 | 35 | 26 | 29 | 37 | 37 | 36 | 33 | 32 | 43 | 37 | 33 | 27 | 33 | 37 | 40 | 39 | 39 | 41 | 46 | 35 | 35 | 42 | 40 | 35 | 39 | | | | 36.5 |
| | MIN | 23 | 26 | 25 | 18 | 12 | 6 | 6 | 9 | 14 | 19 | 7 | 7 | 10 | 10 | 7 | 3 | 4 | 10 | 24 | 27 | 18 | 16 | 24 | 30 | 31 | 27 | 29 | 25 | | | | 16.7 |
| LITTLE FALLS | MAX | 47 | 38 | 40 | 38 | 29 | 31 | 39 | 38 | 39 | 32 | 36 | 41 | 44 | 33 | 29 | 35 | 39 | 37 | 37 | 38 | 40 | 46 | 37 | 38 | 42 | 43 | 38 | 38 | | | | 37.9 |
| | MIN | 30 | 28 | 27 | 21 | 20 | 19 | 21 | 18 | 24 | 20 | 13 | 21 | 21 | 14 | 15 | 15 | 21 | 23 | 29 | 29 | 32 | 23 | 29 | 29 | 34 | 29 | 28 | 19 | | | | 23.3 |
| LONG VALLEY | MAX | 45 | 38 | 38 | 36 | 27 | 28 | 38 | 36 | 36 | 31 | 33 | 39 | 41 | 31 | 26 | 35 | 37 | 37 | 36 | 37 | 39 | 46 | 36 | 34 | 42 | 41 | 35 | 39 | | | | 36.3 |
| | MIN | 25 | 26 | 24 | 14 | 9 | 10 | 18 | 12 | 26 | 17 | 9 | 12 | 8 | 8 | 9 | 12 | 15 | 15 | 23 | 23 | 27 | 15 | 26 | 28 | 28 | 24 | 26 | 24 | | | | 18.3 |
| MORRIS PLAINS 1 W | MAX | 45 | 38 | 38 | 37 | 28 | 29 | 38 | 37 | 37 | 32 | 33 | 40 | 41 | 31 | 27 | 34 | 39 | 35 | 36 | 38 | 39 | 43 | 35 | 34 | 40 | 42 | 36 | 36 | | | | 36.4 |
| | MIN | 28 | 27 | 26 | 19 | 19 | 7 | 8 | 13 | 13 | 18 | 13 | 14 | 17 | 14 | 14 | 16 | 20 | 21 | 28 | 30 | 32 | 20 | 25 | 31 | 32 | 28 | 28 | 27 | | | | 21.0 |
| NEWARK WB AIRPORT | MAX | 40 | 40 | 40 | 30 | 31 | 39 | 39 | 38 | 36 | 32 | 37 | 40 | 32 | 27 | 35 | 35 | 35 | 37 | 37 | 39 | 43 | 36 | 36 | 41 | 42 | 36 | 35 | 40 | | | | 36.7 |
| | MIN | 33 | 33 | 30 | 23 | 23 | 19 | 25 | 25 | 24 | 22 | 15 | 25 | 19 | 15 | 15 | 17 | 24 | 28 | 31 | 33 | 31 | 29 | 32 | 33 | 33 | 30 | 28 | 30 | | | | 25.9 |
| NEWTON | MAX | 42 | 35 | 38 | 36 | 26 | 28 | 36 | 35 | 37 | 31 | 30 | 39 | 40 | 29 | 25 | 31 | 37 | 34 | 36 | 38 | 39 | 42 | 34 | 35 | 41 | 40 | 35 | 36 | | | | 35.2 |
| | MIN | 24 | 25 | 25 | 17 | 13 | 12 | 14 | 9 | 15 | 19 | 9 | 11 | 12 | 11 | 13 | 10 | 16 | 17 | 22 | 27 | 25 | 16 | 24 | 30 | 32 | 27 | 27 | 26 | | | | 18.9 |
| PATERSON | MAX | 45 | 47 | 40 | 39 | 29 | 32 | 43 | 38 | 39 | 36 | 39 | 34 | 44 | 35 | 30 | 36 | 41 | 37 | 37 | 37 | 40 | 45 | 36 | 37 | 42 | 45 | 40 | 37 | | | | 38.6 |
| | MIN | 33 | 31 | 30 | 22 | 20 | 19 | 22 | 22 | 26 | 26 | 19 | 24 | 24 | 15 | 17 | 18 | 21 | 25 | 31 | 34 | 34 | 27 | 29 | 35 | 37 | 30 | 29 | 30 | | | | 26.1 |
| PHILLIPSBURG | MAX | 46 | 40 | 41 | 39 | 31 | 42 | 42 | 39 | 38 | 35 | 45 | 43 | 40 | 30 | 37 | 41 | 41 | 40 | 41 | 42 | 47 | 48 | 38 | 44 | 44 | 42 | 41 | 41 | | | | 40.6 |
| | MIN | 29 | 26 | 31 | 17 | 18 | 16 | 22 | 16 | 28 | 20 | 14 | 19 | 23 | 15 | 17 | 18 | 21 | 26 | 30 | 29 | 25 | 18 | 33 | 30 | 33 | 30 | 32 | 31 | | | | 23.8 |
| PLAINFIELD | MAX | 38 | 40 | 38 | 29 | 31 | 41 | 40 | 38 | 33 | 35 | 41 | 44 | 35 | 29 | 37 | 36 | 39 | 37 | 39 | 39 | 45 | 35 | 36 | 43 | 43 | 38 | 37 | 42 | | | | 37.8 |
| | MIN | 30 | 32 | 29 | 23 | 22 | 14 | 24 | 19 | 32 | 22 | 10 | 19 | 20 | 15 | 13 | 15 | 18 | 28 | 31 | 31 | 33 | 25 | 33 | 32 | 34 | 30 | 29 | 30 | | | | 24.8 |
| SOMERVILLE | MAX | 39 | 40 | 39 | 38 | 30 | 42 | 40 | 38 | 34 | 35 | 40 | 43 | 35 | 29 | 36 | 37 | 39 | 39 | 39 | 40 | 44 | 39 | 35 | 44 | 43 | 40 | 39 | 40 | | | | 38.4 |
| | MIN | 28 | 29 | 34 | 22 | 16 | 16 | 24 | 14 | 31 | 20 | 11 | 17 | 22 | 14 | 15 | 14 | 18 | 28 | 30 | 30 | 30 | 21 | 32 | 32 | 31 | 29 | 30 | 31 | | | | 23.9 |
| SUSSEX 1 SE | MAX | 41 | 35 | 37 | 35 | 25 | 27 | 34 | 36 | 34 | 31 | 32 | 39 | 39 | 30 | 26 | 32 | 37 | 33 | 37 | 37 | 39 | 42 | | 34 | 40 | 40 | 35 | 35 | | | | 34.9 |
| | MIN | 21 | 20 | 21 | 15 | 15 | 11 | 11 | 8 | 10 | 16 | 8 | 7 | 10 | 10 | 10 | 0 | 1 | 7 | 22 | 25 | 18 | 14 | | 26 | 28 | 24 | 23 | 23 | | | | 15.0 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 43 | 39 | 47 | 32 | 35 | 42 | 40 | 38 | 41 | 34 | 43 | 45 | 33 | 32 | 36 | 36 | 39 | 37 | 36 | 37 | 41 | 39 | 39 | 46 | 47 | 42 | 37 | 42 | | | | 39.2 |
| | MIN | 32 | 33 | 29 | 24 | 13 | 7 | 15 | 12 | 29 | 19 | 9 | 29 | 21 | 14 | 10 | 14 | 20 | 32 | 34 | 33 | 28 | 33 | 35 | 35 | 33 | 29 | 32 | 25 | | | | 24.3 |
| AUDUBON | MAX | 44 | 40 | 42 | 34 | 38 | 45 | 42 | 40 | 35 | 37 | 45 | 45 | 34 | 33 | 38 | 39 | 40 | 39 | 40 | 39 | 43 | 37 | 35 | 44 | 45 | 42 | 39 | 43 | | | | 39.9 |
| | MIN | 34 | 33 | 33 | 24 | 27 | 18 | 26 | 20 | 30 | 23 | 21 | 25 | 26 | 18 | 19 | 20 | 23 | 29 | 32 | 31 | 28 | 25 | 32 | 33 | 35 | 32 | 32 | 32 | | | | 27.2 |
| BELLEPLAIN ST FOREST | MAX | 49 | 45 | 47 | 42 | 36 | 45 | 41 | 40 | 40 | 37 | 43 | 46 | 42 | 33 | | 38 | 41 | 39 | 38 | 37 | 40 | 40 | 40 | 43 | 45 | 41 | 40 | 42 | | | | 41.1 |
| | MIN | 29 | 32 | 34 | 25 | 23 | 15 | 31 | 15 | 33 | 23 | 14 | 25 | 24 | 18 | | 14 | 21 | 30 | 32 | 31 | 31 | 30 | 34 | 33 | 33 | 31 | 30 | 28 | | | | 26.6 |
| BURLINGTON | MAX | 41 | 41 | 41 | 40 | 32 | 42 | 39 | 39 | 38 | 31 | 40 | 41 | 36 | 31 | 30 | 36 | 38 | 38 | 36 | 39 | 43 | 42 | 38 | 43 | 44 | 43 | 40 | 45 | | | | 38.8 |
| | MIN | 32 | 32 | 34 | 22 | 25 | 23 | 36 | 22 | 31 | 26 | 31 | 15 | 30 | 30 | 15 | 17 | 33 | 29 | 32 | 30 | 28 | 28 | 35 | 31 | 33 | 31 | 31 | 32 | | | | 28.4 |
| CHATSWORTH | MAX | 47 | 41 | 44 | 40 | 33 | 45 | 41 | 41 | 38 | 34 | 44 | 43 | 40 | 38 | 36 | 40 | 37 | 36 | 37 | 37 | 42 | 39 | 38 | 42 | 44 | 40 | 38 | 41 | | | | 39.9 |
| | MIN | 27 | 30 | 34 | 20 | 24 | 9 | 28 | 12 | 31 | 21 | 4 | 21 | 22 | 16 | 12 | 15 | 17 | 28 | 30 | 30 | 30 | 24 | 33 | 32 | 32 | 30 | 30 | 30 | | | | 24.0 |
| FREEHOLD | MAX | 47 | 39 | 38 | 39 | 28 | 30 | 39 | 35 | 38 | 32 | 31 | 38 | 42 | 33 | 27 | 34 | 35 | 33 | 35 | 35 | 38 | 38 | 34 | 34 | 39 | 41 | 36 | 34 | | | | 35.8 |
| | MIN | 29 | 29 | 31 | 23 | 20 | 14 | 19 | 18 | 25 | 19 | 9 | 19 | 21 | 13 | 9 | 10 | 17 | 20 | 29 | 31 | 31 | 23 | 31 | 31 | 33 | 29 | 28 | 27 | | | | 22.8 |
| GLASSBORO | MAX | 49 | 44 | 39 | 44 | 34 | 34 | 44 | 40 | 40 | 36 | 36 | 45 | 45 | 33 | 32 | 36 | 37 | 39 | 39 | 39 | 38 | 42 | 37 | 37 | 45 | 44 | 39 | 38 | | | | 39.5 |
| | MIN | 32 | 31 | 33 | 20 | 23 | 18 | 23 | 20 | 20 | 22 | 19 | 25 | 24 | 17 | 16 | 19 | 20 | 25 | 26 | 31 | 30 | 23 | 30 | 30 | 32 | 32 | 31 | 32 | | | | 25.1 |
| HAMMONTON 2 NNE | MAX | 51 | 48 | 43 | 43 | 34 | 37 | 46 | 41 | 41 | 37 | 36 | 47 | 48 | 31 | 34 | 41 | 37 | 40 | 37 | 38 | 37 | 40 | 38 | 37 | 43 | 46 | 41 | 36 | | | | 40.3 |
| | MIN | 31 | 35 | 30 | 24 | 25 | 17 | 27 | 19 | 22 | 21 | 18 | 23 | 24 | 17 | 15 | 19 | 22 | 27 | 30 | 30 | 30 | 26 | 32 | 32 | 34 | 31 | 31 | 30 | | | | 25.8 |
| HIGHTSTOWN 1 N | MAX | 40 | 39 | 40 | 38 | 30 | 41 | 38 | 39 | 36 | 33 | 40 | 42 | 35 | 28 | 35 | 34 | 36 | 37 | 38 | 38 | 42 | 35 | 34 | 42 | 41 | 38 | 37 | 40 | | | | 37.4 |
| | MIN | 29 | 28 | 33 | 23 | 23 | 16 | 25 | 17 | 30 | 23 | 12 | 19 | 21 | 15 | 12 | 12 | 17 | 26 | 30 | 30 | 32 | 24 | 32 | 32 | 33 | 30 | 30 | 30 | | | | 24.4 |
| INDIAN MILLS 2 W | MAX | 41 | 40 | 43 | 38 | 32 | 45 | 40 | 40 | 36 | 34 | 44 | 43 | 33 | 30 | 35 | 38 | 38 | 36 | 37 | 37 | 42 | 38 | 36 | 42 | 43 | 39 | 37 | 41 | | | | 38.5 |
| | MIN | 26 | 28 | 34 | 23 | 25 | 9 | 28 | 13 | 31 | 21 | 9 | 21 | 23 | 17 | 16 | 17 | 16 | 28 | 31 | 30 | 29 | 21 | 32 | 32 | 33 | 30 | 30 | 30 | | | | 24.4 |
| MILLVILLE | MAX | 52 | 44 | 43 | 46 | 37 | 35 | 45 | 42 | 42 | 36 | 37 | 45 | 45 | 34 | 33 | 37 | 39 | 43 | 38 | 40 | 38 | 42 | 40 | 38 | 45 | 45 | 40 | 39 | | | | 40.7 |
| | MIN | 30 | 31 | 34 | 23 | 17 | 17 | 31 | 16 | 28 | 23 | 17 | 24 | 25 | 18 | 16 | 20 | 18 | 29 | 31 | 31 | 29 | 25 | 33 | 33 | 33 | 32 | 30 | 31 | | | | 25.9 |
| MILLVILLE FAA AIRPORT | MAX | 44 | 39 | 46 | 35 | 35 | 43 | 41 | 39 | 38 | 35 | 43 | 44 | 33 | 33 | 35 | 39 | 40 | 38 | 39 | 37 | 42 | 39 | 38 | 43 | 43 | 39 | 37 | 43 | | | | 39.3 |
| | MIN | 33 | 34 | 32 | 25 | 24 | 16 | 22 | 18 | 30 | 24 | 15 | 26 | 24 | 19 | 16 | 22 | 24 | 32 | 33 | 31 | 29 | 28 | 34 | 34 | 34 | 33 | 31 | 31 | | | | 26.9 |
| MOORESTOWN | MAX | 41 | 39 | 41 | 32 | 32 | 43 | 39 | 38 | 34 | 33 | 43 | 41 | 30 | 29 | 35 | 37 | 38 | 38 | 39 | 38 | 40 | 34 | 38 | 43 | 41 | 40 | 39 | 40 | | | | 37.7 |
| | MIN | 30 | 30 | 30 | 22 | 25 | 13 | 27 | 17 | 26 | 21 | 14 | 22 | 24 | 16 | 17 | 19 | 17 | 28 | 31 | 29 | 28 | 23 | 32 | 31 | 32 | 29 | 31 | 29 | | | | 24.8 |
| NEW BRUNSWICK | MAX | 48 | 38 | 40 | 39 | 29 | 30 | 41 | 39 | 39 | 32 | 33 | 39 | 40 | 32 | 28 | 35 | 35 | 36 | 37 | 39 | 39 | 41 | 36 | 35 | 42 | 42 | 37 | 36 | | | | 37.0 |
| | MIN | 30 | 32 | 31 | 22 | 21 | 18 | 19 | 19 | 31 | 21 | 15 | 20 | 22 | 14 | 15 | 14 | 22 | 20 | 30 | 31 | 33 | 27 | 33 | 32 | 34 | 29 | 29 | 29 | | | | 24.8 |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

Continued

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PEMBERTON 3 E | MAX | 40 | 40 | 42 | 38 | 32 | 43 | 40 | 41 | 35 | 33 | 44 | 43 | 33 | 29 | 36 | 36 | 38 | 36 | 37 | 38 | 41 | 37 | 35 | 41 | 41 | 40 | 37 | 40 | | | | 38.1 |
| | MIN | 28 | 28 | 35 | 23 | 25 | 11 | 26 | 15 | 30 | 21 | 10 | 22 | 23 | 16 | 15 | 16 | 19 | 27 | 28 | 30 | 31 | 25 | 31 | 29 | 33 | 29 | 30 | 28 | | | | 24.4 |
| SEABROOK FARMS | MAX | 50 | 44 | 39 | 43 | 36 | 33 | 42 | 39 | 40 | 36 | 35 | 44 | 45 | 32 | 32 | 35 | 37 | 40 | 37 | 39 | 38 | 40 | 38 | 37 | 43 | 44 | 39 | 38 | | | | 39.1 |
| | MIN | 32 | 31 | 34 | 24 | 24 | 20 | 26 | 20 | 30 | 23 | 22 | 27 | 25 | 19 | 19 | 21 | 24 | 27 | 29 | 31 | 30 | 23 | 33 | 33 | 33 | 32 | 30 | 32 | | | | 26.9 |
| SHILOH | MAX | 45 | 42 | 43 | 41 | 37 | 41 | 40 | 39 | 37 | 37 | 44 | 45 | 38 | 33 | 36 | 38 | 39 | 37 | 40 | 37 | 40 | 38 | 36 | 44 | 43 | 39 | 37 | 41 | | | | 39.5 |
| | MIN | 33 | 33 | 34 | 24 | 25 | 21 | 30 | 21 | 33 | 20 | 20 | 27 | 23 | 17 | 17 | 21 | 23 | 28 | 28 | 30 | 31 | 24 | 32 | 32 | 32 | 32 | 30 | 31 | | | | 26.9 |
| TOMS RIVER | MAX | 50 | 41 | 40 | 43 | 30 | 42 | 35 | 38 | 38 | 36 | 33 | 44 | 42 | 32 | 30 | 35 | 35 | 35 | 36 | 36 | 38 | 41 | 38 | 37 | 42 | 43 | 38 | 36 | | | | 38.0 |
| | MIN | 30 | 30 | 33 | 24 | 24 | 25 | 18 | 15 | 28 | 20 | 9 | 24 | 22 | 16 | 12 | 13 | 15 | 27 | 32 | 32 | 30 | 26 | 33 | 32 | 34 | 30 | 30 | 30 | | | | 24.8 |
| TRENTON WB CITY | MAX | 41 | 38 | 41 | 30 | 31 | 43 | 39 | 39 | 34 | 33 | 41 | 40 | 31 | 30 | 36 | 36 | 37 | 38 | 38 | 39 | 42 | 36 | 36 | 43 | 43 | 39 | 39 | 40 | | | | 37.6 |
| | MIN | 33 | 34 | 30 | 22 | 26 | 23 | 28 | 25 | 26 | 22 | 21 | 30 | 24 | 19 | 17 | 22 | 27 | 30 | 32 | 32 | 34 | 29 | 33 | 33 | 33 | 32 | 32 | 30 | | | | 27.8 |
| TUCKERTON | MAX | 43 | 41 | 45 | 38 | 34 | 40 | 38 | 38 | 40 | 35 | 41 | 45 | 38 | 30 | 35 | 35 | 35 | 35 | 36 | 38 | 40 | 38 | 38 | 42 | 44 | 40 | 36 | 40 | | | | 38.5 |
| | MIN | 27 | 31 | 35 | 25 | 26 | 10 | 27 | 16 | 30 | 21 | 7 | 25 | 22 | 15 | 23 | 20 | 22 | 30 | 30 | 31 | 31 | 29 | 35 | 33 | 33 | 29 | 31 | 31 | | | | 25.9 |
| WOODSTOWN | MAX | 43 | 42 | 43 | 40 | 34 | 43 | 39 | 41 | 38 | 36 | 45 | 44 | 38 | 32 | 36 | 37 | 38 | 38 | 40 | 38 | 40 | 39 | 36 | 43 | 43 | 39 | 38 | 41 | | | | 39.4 |
| | MIN | 30 | 30 | 35 | 20 | 25 | 12 | 28 | 19 | 29 | 22 | 17 | 22 | 25 | 15 | 10 | 20 | 20 | 20 | 20 | 30 | 31 | 20 | 32 | 31 | 30 | 21 | 30 | 31 | | | | 24.1 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 42 | 39 | 47 | 35 | 37 | 39 | 37 | 38 | 40 | 35 | 38 | 44 | 33 | 31 | 36 | 35 | 35 | 36 | 35 | 37 | 38 | 38 | 38 | 42 | 43 | 39 | 36 | 38 | | | | 37.9 |
| | MIN | 36 | 34 | 32 | 27 | 25 | 24 | 28 | 25 | 29 | 24 | 25 | 30 | 26 | 21 | 20 | 22 | 26 | 31 | 33 | 32 | 34 | 33 | 35 | 35 | 34 | 32 | 32 | 32 | | | | 29.2 |
| CAPE MAY 1 NW | MAX | 50 | 45 | 42 | 45 | 38 | 35 | 40 | 37 | 42 | 39 | 35 | 40 | 44 | 35 | 32 | 34 | 35 | 37 | 37 | 37 | 37 | 40 | 41 | 39 | 42 | 43 | 40 | 39 | | | | 39.3 |
| | MIN | 35 | 35 | 36 | 27 | 27 | 22 | 25 | 22 | 31 | 26 | 24 | 27 | 29 | 21 | 20 | 22 | 23 | 26 | 29 | 30 | 30 | 34 | 35 | 34 | 34 | 31 | 25 | 32 | | | | 28.3 |
| LONG BRANCH 2 N | MAX | 40 | 38 | 39 | 38 | 32 | 42 | 36 | 35 | 37 | 34 | 40 | 45 | 34 | 29 | 36 | 36 | 37 | 36 | 37 | 38 | 42 | 36 | 36 | 41 | 43 | 39 | 36 | 37 | | | | 37.5 |
| | MIN | 29 | 30 | 34 | 23 | 22 | 15 | 27 | 19 | 30 | 22 | 13 | 26 | 22 | 14 | 13 | 15 | 18 | 30 | 32 | 32 | 33 | 29 | 32 | 32 | 34 | 29 | 29 | 30 | | | | 25.5 |

# DAILY SOIL TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK PLOT 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 INCH | MAX | 34 | 35 | 35 | 34 | 32 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 32 | 32 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 34 | 35 | 37 | | | | 34.0 |
| | MIN | 33 | 34 | 33 | 32 | 30 | 29 | 31 | 31 | 33 | 32 | 32 | 32 | 30 | 27 | 26 | 26 | 29 | 32 | 32 | 34 | 33 | 32 | 34 | 34 | 34 | 34 | 34 | 34 | | | | 31.7 |
| 2 INCHES | MAX | 34 | 34 | 34 | 34 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 34 | 35 | 35 | | | | 33.9 |
| | MIN | 33 | 34 | 33 | 33 | 32 | 31 | 32 | 32 | 33 | 33 | 33 | 33 | 33 | 30 | 29 | 29 | 31 | 32 | 33 | 34 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | | | | 32.6 |
| 4 INCHES | MAX | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 34 | 35 | 35 | | | | 34.0 |
| | MIN | 33 | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 32 | 31 | 32 | 33 | 33 | 34 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | | | | 33.1 |
| 8 INCHES | MAX | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 34 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | | | | 35.0 |
| | MIN | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | | | | 34.0 |
| 20 INCHES | MAX | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | | | | 37.0 |
| | MIN | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 35 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | | | | 36.0 |
| 40 INCHES | MAX | 40 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | | | | 39.0 |
| | MIN | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 38 | 39 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | | | | 38.7 |
| PLOT 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 34 | 34 | 34 | 34 | 34 | 33 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | | | | 34.0 |
| | MIN | 33 | 33 | 33 | 33 | 31 | 29 | 30 | 30 | 33 | 34 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | | | | 33.2 |
| 2 INCHES | MAX | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | | | | 34.1 |
| | MIN | 33 | 33 | 33 | 33 | 32 | 31 | 31 | 31 | 33 | 34 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | | | | 33.4 |
| 4 INCHES | MAX | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | | | | 34.2 |
| | MIN | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 33 | 34 | 34 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | | | | 33.7 |
| 8 INCHES | MAX | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | | | | 35.0 |
| | MIN | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | | | | 34.1 |

MAX AND MIN TEMPERATURES ARE FOR THE 24 HOUR PERIOD ENDING AT MIDNIGHT.

PLOT #1 - SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

PLOT #2 - SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

See Reference Notes Following Station Index

# SNOWFALL AND SNOW ON GROUND

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | T | .5 | .3 | T | 1.0 | | | | 4.0 | 3.0 | | | T | | | | | | T | 6.0 | T | | T | 2.0 | | | T | T | | | |
| | SN ON GND | T | | T | | 1 | T | T | | 4 | 6 | 5 | 5 | 4 | 4 | 3 | 2 | 2 | 1 | T | 6 | 3 | 1 | 1 | 1 | T | T | T | T | | | |
| CHARLOTTEBURG | SNOWFALL | | | | | T | | | | 3.5 | 10.5 | | | T | | | | | | | 2.5 | | | | 2.0 | | | | | | | |
| | SN ON GND | | | | | T | T | | | 4 | 14 | 14 | 13 | 12 | 11 | 11 | 10 | 10 | 9 | 8 | 10 | 8 | 7 | 7 | 8 | 6 | 5 | 5 | 5 | | | |
| FLEMINGTON 1 NE | SNOWFALL | .5 | | | | 1.0 | | | | 4.0 | 9.0 | | | | | | | | T | | 3.0 | | | T | 3.0 | | | T | | | | |
| | SN ON GND | 1 | | | | 1 | 1 | | | 4 | 13 | 13 | 12 | 9 | 8 | 8 | 7 | 5 | 3 | 2 | 4 | 3 | 1 | 1 | 4 | 2 | 1 | 1 | T | | | |
| LAMBERTVILLE | SNOWFALL | T | | | | T | | | | 8.0 | | | | | | | | | T | T | 3.0 | | | 1.0 | T | | | | | | | |
| | SN ON GND | | | | | | | | | 8 | 7 | 6 | 4 | 4 | 4 | 3 | 3 | 2 | 2 | 2 | 4 | 2 | 2 | 3 | 2 | 1 | T | T | T | | | |
| LITTLE FALLS | SNOWFALL | .3 | | T | | .3 | | | | 5.5 | 6.5 | | | | | | | | | | 1.0 | | | | 2.0 | | | .1 | | | | |
| | SN ON GND | T | | T | | T | T | | | 6 | 12 | 12 | 10 | 9 | 9 | 8 | 8 | 8 | 8 | 7 | 7 | 6 | 5 | 5 | 7 | 6 | 5 | 5 | 5 | | | |
| LONG VALLEY | SNOWFALL | 1.0 | | | | 1.0 | | | | 8.0 | 4.0 | | | | | | | | | | 3.0 | | | | 3.0 | | | | | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| MORRIS PLAINS 1 W | SNOWFALL | T | .5 | T | T | 1.0 | T | | | 3.0 | 12.0 | | | .5 | | | | | T | | 2.5 | | | T | 2.5 | | | | | | | |
| | SN ON GND | T | | T | | 1 | T | | | 3 | 15 | 14 | 13 | 10 | 10 | 10 | 9 | 8 | 7 | 6 | 8 | 6 | 4 | 3 | 5 | 3 | 2 | 1 | 1 | | | |
| NEWARK WB AIRPORT | SNOWFALL | .1 | | T | .3 | .1 | | | T | 13.3 | .5 | | T | | | | | | T | T | .5 | | T | 1.2 | .4 | T | T | .1 | | | | |
| | SN ON GND | T | | | T | T | | | | 1 | 14 | 13 | 11 | 9 | 8 | 8 | 7 | 5 | 4 | 4 | 4 | 4 | 3 | 2 | 3 | 2 | 1 | 1 | 1 | | | |
| | WTR EQUIV | | | | | | | | | | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 | .9 | .8 | .7 | .7 | .6 | .9 | .7 | .5 | .4 | .5 | .3 | | | | | | |
| NEWTON | SNOWFALL | T | | T | 2.0 | 1.0 | | | | 3.0 | 9.0 | | | T | | | | | | | 3.0 | | | | 1.0 | | | T | | | | |
| | SN ON GND | T | T | T | T | 1 | T | T | | 3 | - | - | - | - | - | - | - | - | - | - | 3 | 1 | - | - | 1 | - | - | T | T | | | |
| PATERSON | SNOWFALL | T | T | .1 | T | T | | | | 3.0 | 11.8 | | | T | | | | | | | .8 | | | | 2.1 | | T | .2 | | | | |
| | SN ON GND | | | | | | | | | - | - | - | - | - | - | - | - | - | - | | - | | | | - | | | - | | | | |
| PHILLIPSBURG | SNOWFALL | | | | | | | | | 6.0 | | | | | | | | | | | 8.0 | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | 6 | 5 | 2 | 1 | | | | | | | | 6 | T | T | T | | | | | | | | |
| PLAINFIELD | SNOWFALL | .1 | | T | | T | | | | 12.0 | | | T | | | | | | T | T | 2.5 | | T | | 5.0 | T | T | T | | | | |
| | SN ON GND | | | | | | | | | 12 | 12 | 10 | 9 | 7 | 6 | 5 | 5 | 5 | 5 | 5 | 8 | T | 7 | 6 | 9 | 5 | 4 | 3 | 3 | | | |
| RAHWAY | SNOWFALL | T | | | T | | | | | 16.0 | | | | | | | | | T | | .6 | | | .8 | 1.1 | T | T | T | | | | |
| | SN ON GND | | | | T | | | | | 16 | 14 | 10 | 7 | 5 | 4 | 4 | 3 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 3 | T | | | | | | |
| SOMERVILLE | SNOWFALL | .2 | | | T | T | | | | 10.0 | | | | | | | | | | | 2.0 | | | .5 | 1.0 | | | | | | | |
| | SN ON GND | | | | | | | | | 10 | 10 | 7 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 2 | 2 | 1 | | | | |
| WANAQUE RAYMOND DAM | SNOWFALL | T | | | | T | | | | 5.0 | 8.5 | | | | | | | | | | 3.0 | | | | 3.0 | | | T | | | | |
| | SN ON GND | T | T | | | T | | | | 5 | 14 | 13 | 12 | 9 | 8 | 8 | 8 | T | T | T | 3 | 2 | 2 | 1 | 3 | 2 | 1 | T | T | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | SNOWFALL | | T | | T | T | | | | 1.4 | | | | | | | | | T | .5 | 5.1 | | | | | T | T | T | | | | |
| | SN ON GND | | | | | | | | | | 1 | 1 | T | | | | | | | | 2 | 2 | T | T | | | | | | | | |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | .2 | .2 | | | | | | | | | | |
| FREEHOLD | SNOWFALL | T | | | | T | | | | 1.5 | 9.8 | | | | T | | | | T | | 1.0 | T | | T | 1.4 | | | T | T | | | |
| | SN ON GND | T | | | | | | | | 2 | 11 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| HIGHTSTOWN 1 N | SNOWFALL | .3 | | T | | .5 | | | | 10.0 | | | T | T | | | | | T | T | 2.7 | | T | .5 | 3.3 | | T | T | | | | |
| | SN ON GND | | | | | | | | | 10 | 10 | 9 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | 4 | 5 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | | | |
| INDIAN MILLS 2 W | SNOWFALL | | | | | | | | | 3.0 | T | | | | | | | | | T | 4.3 | | | T | .5 | | | T | | | | |
| | SN ON GND | | | | | | | | | 3 | 2 | 1 | T | T | T | T | T | T | T | T | 2 | 1 | T | T | T | | | | | | | |
| MAYS LANDING 1 W | SNOWFALL | | | | | | | | | | .3 | | | | | | | | | | 3.3 | .5 | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | T | | | | | | | | | | 3 | 2 | T | | | | | | | | | |
| MILLVILLE | SNOWFALL | | T | | | | | | | | | | | | | | | | | | 4.0 | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | SNOWFALL | | T | | | | | | | T | | | | | | | | | | T | 1.0 | | | T | | T | | T | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | | | | | T | | | | |
| MOORESTOWN | SNOWFALL | | T | T | | | T | | | * | 2.0 | | | | | | | | | | | | | - | - | | | | | | | |
| | SN ON GND | | | | | | | | | * | 2 | 1 | T | | | | | | | | | | | - | - | - | | T | | | | |
| NEW BRUNSWICK | SNOWFALL | .2 | | | .2 | T | | | | 6.3 | 4.3 | | | | | | | | | | 3.0 | T | T | | 3.9 | | | T | T | | | |
| | SN ON GND | T | | | T | | | | | 6 | 11 | 10 | 10 | 9 | 8 | 7 | 6 | 6 | 5 | 5 | 6 | 5 | 5 | 5 | 9 | 7 | 6 | 5 | 4 | | | |
| PEMBERTON 3 E | SNOWFALL | | | | | | | | | 5.5 | | | | | | | | | | | 3.5 | | | 1.0 | 1.0 | | | | | | | |
| | SN ON GND | | | | | | | | | 6 | 6 | 5 | 4 | 4 | 4 | 4 | 3 | 3 | 2 | 1 | 4 | 3 | 1 | 1 | 1 | T | | | | | | |
| SEABROOK FARMS | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| TRENTON WB CITY | SNOWFALL | T | | | T | | | | .2 | 7.8 | | | | | | | | | T | 1.2 | 2.5 | | T | 2.5 | T | T | T | T | | | | |
| | SN ON GND | T | | | | T | | | | 2 | 8 | 5 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 2 | 1 | 1 | 3 | 1 | T | T | T | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2 N | SNOWFALL | T | | | .1 | | | | | 10.5 | T | | | T | | | | | | T | .5 | | T | T | 1.6 | | T | .5 | | | | |
| | SN ON GND | | | | | | | | | 11 | 9 | 8 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | T | | | |

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES |  |  |  | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  | TEMP. | PRECIP. | EVAP. | SPECIAL |  |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 |  |  |  |  | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MIO | MIO |  | HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MIO |  | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 74 05 | 40 | 11P | 11P |  |  | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 |  | 9A |  | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P |  |  | BELLEPLAIN STATE FOREST |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 |  | 7A |  |  | WALTER J SCHANCK |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A |  | M | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 |  | 7A |  |  | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 |  | 7A |  |  | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A |  |  | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 |  | 7A |  |  | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P |  |  | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 |  | 8A |  |  | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A |  | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 |  | 9A |  |  | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A |  | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 |  |  |  | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A |  | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P |  |  | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 |  | 8A |  |  | ANDREW F OROPPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 42 | 74 21 | 8 | 5P | 5P |  |  | UNION COLLEGE |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P |  |  | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A |  | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A |  | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 |  | 7A |  |  | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A |  | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A |  | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 |  | 7A |  |  | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A |  |  | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A |  |  | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P |  | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P |  | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MIO |  |  | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P |  | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A |  |  | CHARLES KOONS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A |  | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 N | 4987 | 03 | MONMOUTH | 1 | 40 20 | 74 00 | 10 | 6P | 6P |  | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A |  | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 |  |  |  | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 |  | 7A |  |  | ROBERT G. GLASGOW |
| MANVILLE | 5197 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | JOHN L. RADCLIFFE |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 |  |  |  | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 |  | 9A |  | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 |  | MIO |  |  | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 9A | 9A |  | C H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MIO | MIO |  | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 |  | 7A |  |  | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MIO | 8A |  | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A |  | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 |  | MID |  | C | HACKENSACK WATER CO. |
| NEW MONMOUTH | 6154 | 02 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P |  |  | CLOSED 11/68 |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A |  | C H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 |  | 8A |  |  | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A |  | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 3P | 3P |  | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 |  | 7A |  |  | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P |  | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 |  | 8A |  |  | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 |  | MID |  |  | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 |  | MIO |  | C H | RAHWAY VALLEY SE. AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 |  | 10A |  |  | NO. JERSEY WTR. SUPPLY |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P |  |  | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P |  | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 |  | 10A |  |  | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 |  |  |  | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A |  |  | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A |  |  | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MIO | MIO |  | HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P |  |  | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 |  | 8A |  | H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 |  |  |  |  | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 |  | 7A |  |  | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 |  | 7A |  |  | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 |  | MIO |  |  | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P |  |  | CREAM VALLEY DAIRY |
| NEW STATION |  |  |  |  |  |  |  |  |  |  |  |  |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 42 | 74 21 | 8 | 5P | 5P |  |  | UNION COLLEGE |
| CLOSED STATION |  |  |  |  |  |  |  |  |  |  |  |  |
| NEW MONMOUTH | 6154 | 02 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P |  |  | CLOSED NOVEMBER 1968 |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES. Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data

• Amount included in following measurement, time distribution unknown.

√ Gage is equipped with a windshield.

B Adjusted to a full month

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall

M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin

G "Soil Temperature" table

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above

Subscription Price: 20 cents per copy, monthly and annual, $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-3/31/69-880

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# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
MARCH 1969
Volume 74 No. 3

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | Total | Departure From Normal | Greatest Day | Date | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| | | | | | | | | | | 90° or Above | 32° or Below | 32° or Below | 0° or Below | | | | | | | | | | |
| * * *<br>NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 46.8 | 24.8 | 35.8 | - 3.5 | 68 | 19 | 15 | 13+ | 896 | 0 | 0 | 27 | 0 | 2.12 | - 1.96 | .90 | 3 | 12.0 | 10 | 3 | 4 | 2 | 0 |
| BOONTON 1 SE | 44.6 | 26.3 | 35.5 | - 1.8 | 63 | 19 | 15 | 6 | 910 | 0 | 1 | 24 | 0 | 3.28 | - .58 | 2.82 | 25 | 5.0 | 3 | 3 | 5 | 1 | 1 |
| CANOE BROOK | 46.2 | 26.1 | 36.2 | - 1.4 | 66 | 19 | 15 | 12 | 887 | 0 | 1 | 24 | 0 | 4.18 | - .12 | 3.16 | 25 | 6.5 | 6 | 4+ | 5 | 1 | 1 |
| CHARLOTTEBURG | 41.4 | 23.1 | 32.3 | - 4.3 | 63 | 19 | 7 | 6 | 1010 | 0 | 6 | 27 | 0 | 3.81 | - .66 | 2.77 | 25 | 10.0 | 13 | 5+ | 4 | 2 | 1 |
| CRANFORD | 48.8 | 27.9 | 38.4 | | 69 | 18 | 16 | 6 | 820 | 0 | 0 | 22 | 0 | 4.03 | | 3.02 | 25 | 7.5 | 2 | 7+ | 6 | 1 | 1 |
| ELIZABETH | 49.5 | 29.3 | 39.4 | - 1.5 | 70 | 18 | 18 | 12 | 788 | 0 | 0 | 22 | 0 | 2.84 | - 1.65 | 1.85 | 25 | T | 0 | | 4 | 2 | 1 |
| ESSEX FELLS SERV BLDG | 45.5 | 26.5 | 36.0 | | 67 | 19 | 12 | 8 | 889 | 0 | 1 | 24 | 0 | 3.83 | | 3.05 | 25 | 6.3 | 9 | 3 | 5 | 1 | 1 |
| FLEMINGTON 1 NE | 46.4 | 24.9 | 35.7 | - 4.4 | 68 | 19 | 14 | 8+ | 900 | 0 | 1 | 27 | 0 | 3.33 | - .66 | 1.84 | 25 | 10.5 | 7 | 3 | 5 | 2 | 1 |
| HIGH POINT PARK | 40.0 | M | M | | 62 | 19 | | | | 0 | 8 | | | 0 2.12 | | 1.54 | 25 | | | | 3 | 1 | 1 |
| JERSEY CITY | 45.5 | 32.5 | 39.0 | - .8 | 69 | 18 | 19 | 12 | 798 | 0 | 1 | 15 | 0 | 3.05 | - .98 | 1.54 | 25 | T | 0 | | 4 | 2 | 2 |
| LAMBERTVILLE | 48.8 | 28.4 | 38.6 | - 1.2 | 69 | 18 | 15 | 6 | 808 | 0 | 0 | 23 | 0 | 3.28 | - .78 | 1.83 | 25 | 11.5 | 3 | 3+ | 6 | 1 | 1 |
| LAYTON 2 | 44.8 | 20.2 | 32.5 | | 67 | 19 | 5 | 6 | 1001 | 0 | 2 | 30 | 0 | 2.83 | | 1.75 | 25 | 16.5 | 18 | 3 | 2 | 2 | 1 |
| LITTLE FALLS | 46.5 | 28.8 | 37.7 | - 1.6 | 68 | 19 | 16 | 12 | 841 | 0 | 1 | 22 | 0 | 3.91 | - .39 | 3.19 | 25 | 3.8 | 5 | 3 | 5 | 1 | 1 |
| LONG VALLEY | 44.7 | 20.0 | 32.4 | | 65 | 19 | 6 | 6 | 1004 | 0 | 2 | 30 | 0 | 3.45 | - .83 | 1.65 | 25 | 15.0 | | | 5 | 2 | 2 |
| MORRIS PLAINS 1 W | 45.8 | 24.6 | 35.2 | | 68 | 19 | 14 | 8+ | 915 | 0 | 1 | 27 | 0 | 3.15 | | 2.61 | 25 | 5.0 | 3 | 3 | 4 | 1 | 1 |
| NEWARK WB AIRPORT R | 46.8 | 30.8 | 38.8 | - 1.7 | 69 | 18 | 18 | 12 | 804 | 0 | 1 | 20 | 0 | 3.53 | - .56 | 1.38 | 24 | 5.9 | 2 | 3 | 7 | 2 | 2 |
| NEWTON | 44.0 | 23.4 | 33.7 | - 2.7 | 65 | 19 | 6 | 6 | 964 | 0 | 3 | 29 | 0 | 2.28 | - 1.17 | 1.25 | 25 | 21.8 | 21 | 3 | 2 | 2 | 1 |
| PATERSON | 47.9 | 30.7 | 39.3 | - .2 | 70 | 19 | 18 | 12 | 788 | 0 | 1 | 18 | 0 | 5.00 | .55 | 3.96 | 25 | 5.2 | | | 5 | 1 | 1 |
| PHILLIPSBURG | 51.1 | 27.5 | 39.3 | .1 | 70 | 19+ | 16 | 6 | 789 | 0 | 0 | 25 | 0 | 2.27 | - 1.82 | 1.13 | 25 | 8.0 | 4 | 3 | 4 | 2 | 1 |
| PLAINFIELD | 47.5 | 28.8 | 38.2 | - 1.7 | 70 | 18 | 17 | 12+ | 823 | 0 | 0 | 22 | 0 | 4.23 | - .08 | 2.81 | 25 | 9.5 | 5 | 3 | 7 | 1 | 1 |
| SOMERVILLE | 47.8 | 27.0 | 37.4 | - 2.1 | 69 | 18 | 15 | 12 | 847 | 0 | 0 | 24 | 0 | 3.74 | - .23 | 2.67 | 25 | 8.1 | 2 | 8+ | 5 | 1 | 1 |
| SUSSEX 1 SE | 42.8 | 18.9 | 30.9 | - 6.1 | 62 | 19 | 1 | 6 | 1051 | 0 | 3 | 30 | 0 | 2.30 | - 1.10 | 1.17 | 25 | 21.0 | | | 3 | 2 | 1 |
| DIVISION | | | 36.3 | - 2.3 | | | | | | | | | | 3.30 | - .80 | | | 9.0 | | | | | |
| * * *<br>SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 48.3 | 26.5 | 37.4 | - 3.7 | 71 | 29+ | 11 | 12 | 847 | 0 | 1 | 25 | 0 | 3.19 | - .72 | 1.17 | 2 | 17.6 | 11 | 3 | 5 | 2 | 1 |
| AUDUBON | 50.0 | 30.7 | 40.4 | | 71 | 18 | 18 | 12 | 755 | 0 | 0 | 22 | 0 | 2.65 | | .80 | 2 | 17.0 | 9 | 2 | 6 | 3 | 0 |
| BELLEPLAIN ST FOREST | 50.6 | 28.5 | 39.6 | | 68 | 29 | 17 | 8 | 782 | 0 | 0 | 25 | 0 | 3.47 | - .95 | 1.00 | 3 | 10.5 | 6 | 7 | 6 | 4 | 1 |
| BURLINGTON | 52.4 | 29.5 | 41.0 | - 1.2 | 70 | 18 | 17 | 11 | 739 | 0 | 0 | 21 | 0 | 1.37 | - 2.97 | 1.01 | 25 | | 4 | 2 | 2 | 1 | 1 |
| CHATSWORTH | 50.4 | 26.5 | 38.5 | | 70 | 18 | 12 | 12 | 818 | 0 | 0 | 25 | 0 | 2.97 | | 1.41 | 25 | | | | 4 | 2 | 1 |
| FREEHOLD | 45.7 | 27.5 | 36.6 | - 3.4 | 67 | 19 | 15 | 8+ | 871 | 0 | 1 | 24 | 0 | 2.36 | - 1.88 | 1.12 | 25 | 8.6 | 5 | 7+ | 5 | 1 | 1 |
| GLASSBORO | 49.0 | 30.2 | 39.6 | | 69 | 19 | 18 | 12 | 781 | 0 | 0 | 20 | 0 | 2.15 | | 1.00 | 25 | | | | | | 1 |
| HAMMONTON 2 NNE | 50.6 | 29.3 | 40.0 | - 1.9 | 71 | 19 | 17 | 12 | 769 | 0 | 1 | 22 | 0 | 3.55 | - .71 | 1.72 | 25 | | | | 5 | 3 | 1 |
| HIGHTSTOWN 1 N | 47.3 | 28.8 | 38.1 | - 2.1 | 67 | 18 | 16 | 12 | 826 | 0 | 0 | 23 | 0 | 2.65 | - 1.17 | .86 | 25 | 14.2 | 7 | 7 | 6 | 3 | 0 |
| INDIAN MILLS 2 W | 48.5 | 27.8 | 38.2 | - 2.5 | 69 | 18 | 14 | 8 | 826 | 0 | 0 | 23 | 0 | 3.26 | - 1.02 | 1.05 | 25 | 16.5 | 6 | 7+ | | | |
| MILLVILLE | 48.8M | 28.7M | 38.8M | | 69 | 19 | 15 | 17 | 805 | 0 | 0 | | 0 | 3.28 | | 1.68 | 25 | | 9 | 3 | 3 | 3 | 1 |
| MILLVILLE FAA AIRPORT | 47.4 | 29.5 | 38.5 | | 66 | 29 | 17 | 8 | 815 | 0 | 2 | 24 | 0 | 3.83 | | 1.76 | 25 | 12.8 | 8 | 3 | 5 | 3 | 1 |
| MOORESTOWN | 48.1 | 30.2 | 39.2 | - 1.5 | 70 | 18 | 19 | 12 | 795 | 0 | 1 | 24 | 0 | 2.43 | - 1.38 | 1.07 | 25 | 10.0 | 6 | 3 | | | 1 |
| NEW BRUNSWICK | 46.4 | 28.8 | 37.6 | | 68 | 19 | 17 | 12 | 840 | 0 | 1 | 22 | 0 | 2.79 | | 1.87 | 25 | 6.1 | 8 | 3 | 4 | 1 | 1 |
| PEMBERTON 3 E | 48.8 | 28.2 | 38.5 | - 3.1 | 70 | 18 | 17 | 12+ | 815 | 0 | 1 | 23 | 0 | 3.34 | - .51 | 1.08 | 25 | 18.0 | 12 | 3 | 5 | 4 | 1 |
| SEABROOK FARMS | 47.7 | 30.0 | 38.9 | | 67 | 19 | 18 | 12 | 802 | 0 | 1 | 21 | 0 | 2.43 | | .81 | 25 | | | | | 2 | 0 |
| SHILOH | | | | | | | | | | | | | | | | | | | | | | | |
| TOMS RIVER | 47.7 | 27.5 | 37.6 | | 70 | 19 | 14 | 8 | 839 | 0 | 1 | 23 | 0 | 2.92 | | 1.13 | 25 | 18.0 | 13 | 3 | 6 | 2 | 2 |
| TRENTON WB CITY R | 47.1 | 31.6 | 39.4 | - 1.3 | 68 | 18 | 19 | 12+ | 789 | 0 | 1 | 19 | 0 | 2.44 | - 1.40 | .55 | 24 | 9.5 | 4 | 3 | 7 | 2 | 0 |
| TUCKERTON | 47.5 | 28.6 | 38.1 | | 68 | 18 | 16 | 12 | 826 | 0 | 0 | 24 | 0 | 3.75 | | 1.34 | 2 | 17.0 | 9 | 7 | 6 | 3 | 1 |
| WOODSTOWN | 50.2 | 29.6 | 39.9 | | 69 | 18 | 19 | 12 | 770 | 0 | 0 | 22 | 0 | 2.14 | | .69 | 25 | | 2 | 7 | | | 0 |
| DIVISION | | | 38.8 | - 2.1 | | | | | | | | | | 2.85 | - 1.24 | | | 13.5 | | | | | |
| * * *<br>COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 44.7 | 32.5 | 38.6 | - 2.5 | 57 | 21 | 20 | 12 | 810 | 0 | 1 | 17 | 0 | 2.63 | - 1.38 | .88 | 2 | | | | 5 | 3 | 0 |
| CAPE MAY 1 NW | 45.4 | 31.7 | 38.6 | | 63 | 22 | 18 | 10 | 811 | 0 | 1 | 20 | 0 | 3.35 | | 1.19 | 7 | 11.0 | | | 6 | 3 | 1 |
| LONG BRANCH 2 N | 46.7 | 29.7 | 38.2 | - 1.6 | 69 | 18 | 17 | 12 | 825 | 0 | 0 | 22 | 0 | 2.84 | - 1.53 | .91 | 7 | 12.1 | 4 | 7 | 6 | 2 | 0 |
| DIVISION | | | 38.5 | - 2.0 | | | | | | | | | | 2.94 | - .99 | | | 11.6 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>3 STATIONS | 71 | DATE | 29+ |
| LOWEST TEMPERATURE<br>SUSSEX 1 SE | 1 | DATE | 06 |
| GREATEST TOTAL PRECIPITATION<br>PATERSON | 5.00 | | |
| LEAST TOTAL PRECIPITATION<br>BURLINGTON | 1.37 | | |
| GREATEST 1 DAY PRECIPITATION<br>PATERSON | 3.96 | DATE | 25 |
| GREATEST TOTAL SNOWFALL<br>NEWTON | 21.8 | | |
| GREATEST DEPTH OF SNOW<br>NEWTON | 21 | DATE | 03 |

THE LIBRARY OF THE
MAY 27 1969
UNIVERSITY OF ILLINOIS

See Reference Notes Following Station Index

# DAILY PRECIPITATION

NEW JERSEY
MARCH 1969

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * *<br>NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 2.12 | | .02 | .90 | | | | .10 | .07 | | | | | | | | | | | | | .01 | T | | | .88 | | .02 | | | .12 | T |
| BERNARDSVILLE 2 E | 2.57 | | .09 | .42 | | | | .30 | | | | | | | | | | | | | | | | | | 1.55 | .03 | | | | .18 | |
| BLACKWELLS MILLS | 4.35 | | .20 | .60 | | | | .40 | | | | | | | | | | | | | | .06 | | | | 2.37 | .40 | .02 | | | .30 | |
| BOONTON 1 SE | 3.28 | | .02 | .13 | | | | .10 | | | | | | | | | | | | | | .11 | | | | 2.82 | T | T | | | .10 | |
| BOUND BROOK 2 W | 3.74 | | .04 | .20 | | | | .05 | | | | | | | | T | | | | | | .10 | | | | 3.18 | | | | | .17 | |
| BRANCHVILLE | 1.94 | | | .59 | | | | .04 | | | | | | | | | | | | | | .10 | | | | 1.14 | .05 | .02 | | T | | T |
| CANISTEAR RESERVOIR | 3.41 | | .02 | 1.02 | | | | .11 | | | | | | | | | | | | | | .12 | | | | 2.02 | .03 | .02 | | | .07 | |
| CANOE BROOK | 4.18 | | .04 | .42 | | | | .24 | T | | | | | | | | | | | | | .13 | T | | | 3.16 | T | | | | .19 | |
| CHARLOTTEBURG | 3.81 | | .03 | .58 | | | | .11 | | | | | | | | | | | | | | .18 | | | | 2.77 | .07 | .01 | | | .06 | |
| CLINTON | 1.76 | | .23 | .64 | | | | T | | | | | | | | | | | | | | | | | | .70 | | | | | .19 | |
| CRANFORD | 4.03 | | .27 | .30 | | | | .18 | | | | | | | | | | | | | | .11 | | | T | 3.02 | | | | T | .15 | |
| ELIZABETH | 2.84 | | .05 | .25 | | | | .52 | | | | | | | | | | | | | | | | | .05 | 1.85 | T | | | | .12 | |
| ESSEX FELLS SERV BLDG | 3.83 | | .02 | .21 | | | | .24 | | | | | | | | | | | | | | .11 | | | | 3.05 | .03 | | | | .17 | |
| FLEMINGTON 1 NE | 3.33 | | .15 | .55 | | | | .45 | .03 | | | | | | | | | | | | T | .07 | | | T | 1.84 | T | .02 | T | | .22 | |
| GREENWOOD LAKE | 3.39 | | | .60 | .05 | | | .08 | .02 | | | | | | | | | | | | | .20 | .02 | | | 2.20 | .12 | .02 | | | .08 | |
| HIGH POINT PARK | D 2.12 | | | .35 | | | | D .100 | .05 | | | | | | | | | | | | | | | | | 1.54 | | | | | .05D | .03 |
| JERSEY CITY | 3.05 | | .01 | .03 | | | | .02 | | | | | | | | | | | | | | .16 | | | 1.10 | 1.54 | | T | | .19 | T | |
| LAMBERTVILLE | 3.28 | | .21 | .48 | | | | .34 | | | | | | | | | | | | | | .03 | | | .12 | 1.83 | | | | T | .27 | |
| LAYTON 2 | 2.83 | | T | .99 | | | | .05 | T | | T | T | | | T | T | | | | | | .03 | | | | 1.75 | .01 | | | | T | |
| LITTLE FALLS | 3.91 | | .01 | .20 | | | | .18 | | | | | | | | | | | | | | .12 | | | | 3.19 | .02 | .02 | | | .17 | |
| LONG VALLEY | 3.45 | | .06 | 1.25 | | | | .13 | .02 | | | | | | | | | | | | T | .10 | | | | 1.65 | .05 | | | | .19 | |
| MAHWAH | 2.89 | | .01 | .18 | | | | .03 | | | | | | | | | | | | | | .14 | | | | 2.33 | .07 | .01 | | | .12 | |
| MANVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MIDLAND PARK | 3.67 | | .07 | .14 | T | T | T | .08 | T | T | T | T | T | T | T | T | | | | | | .09 | | | 1.65 | 1.39 | .01 | | | .23 | .01 | |
| MILTON | 4.25 | | .10 | 1.30 | | | | .20 | | | | | | | | | | | | | | .21 | | | | 2.07 | .27 | | | | .10 | |
| MORRIS PLAINS 1 W | 3.15 | | .01 | .17 | | | | .10 | T | | | T | | | | T | | | | | | .08 | | T | | 2.61 | T | T | | | .18 | |
| NEWARK WB AIRPORT R | 3.53 | | .11 | .22 | | | | .26 | | | T | | | | | | | | | | T | .17 | | | 1.38 | 1.21 | T | | | .15 | .03 | |
| NEW MILFORD | 3.01 | | .08 | | | | | .11 | | | | | | | | | | | | | | .12 | | | 1.33 | 1.17 | | | | .15 | .05 | |
| NEWTON | 2.28 | | T | .81 | | | | .08 | | | | | | | | | | | | | | .05 | | | | 1.25 | .02 | T | | | .07 | |
| OAK RIDGE RESERVOIR | 3.56 | | .02 | .82 | | | | .10 | | | | | | | | | | | | | | .13 | | | | 2.34 | .04 | .02 | | | .09 | |
| PATERSON | 5.00 | | .02 | .39 | | | | .24 | | | | | | | | | | | | | | .18 | | | | 3.96 | T | .06 | | | .15 | |
| PHILLIPSBURG | 2.27 | | T | .83 | | | | .16 | | | | | | | | | | | | | | | | | T | 1.13 | | | | .15 | | |
| PHILLIPSBURG BRIDGE | - | | .03 | .83 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PLAINFIELD | 4.23 | | .10 | .38 | | | | .33 | | | | | | | | | | | | | | .12 | T | | .30 | 2.81 | T | | | T | .19 | |
| POTTERSVILLE 2 NNW | 2.83 | | .05 | .56 | | | | .14 | | | | | | | | | | | | | | .10 | | | | 1.81 | T | .02 | | | .15 | |
| RAHWAY | 2.41 | | .05 | .05 | | | | .14 | | | | | | | | | | | | | | .11 | | | 1.13 | .72 | | | | .19 | .02 | |
| RINGWOOD | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SOMERVILLE | 3.74 | | .06 | .32 | | | | .30 | | | | | | | | | | | | | | .05 | | | .10 | 2.67 | | | | | .24 | |
| SPLIT ROCK POND | 3.35 | | .03 | .18 | | | | .08 | | | | | | | | | | | | | | .11 | | | | 2.79 | | .05 | | | .11 | |
| SUSSEX 1 SE | 2.30 | | | .91 | | | | .02 | | | | | | | | T | | | | | | .02 | | | | 1.17 | .17 | .01 | | | | T |
| WANAQUE RAYMOND DAM | 3.04 | | T | .24 | | | | .08 | | | | | | | | | | | | | | .10 | | | | 2.58 | | T | | | .04 | |
| WERTSVILLE | 3.26 | | .07 | .19 | T | | | .16 | | | | | | | | | | | | | | .02 | | | | 2.54 | T | .02 | | | .26 | |
| WEST WHARTON | 3.15 | | .05 | .43 | | | | .10 | | | | | | | | | | | | | | .12 | | | | 2.36 | .05 | | | | .04 | |
| WOODCLIFF LAKE | 3.39 | | .04 | .11 | | | | .13 | | | | | | | | | | | | | | .17 | | | 1.58 | 1.15 | | | | .15 | .06 | |
| * * *<br>SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 3.19 | .01 | 1.17 | T | | | .01 | .77 | | | | | | | | | | | | | | .09 | | | .40 | .35 | .01 | | | .36 | .02 | |
| AUDUBON | 2.65 | T | .80 | .10 | | | | .60 | | | | | | | | | | | | | | T | | | .48 | .52 | | | | .15 | | |
| BASS RIVER ST FOREST | 3.82 | | * | 1.46 | | | | * | .80 | | | | | | | | | | | | | .15 | | | | .92 | .14 | | | | .35 | T |
| BELLEPLAIN ST FOREST | 3.47 | | .62 | 1.00 | | | | .74 | | T | | | | | | | | | | | | .11 | | | .04 | .53 | | .06 | | | .36 | .01 |
| BURLINGTON | 1.37 | | .06 | .03 | | | | T | | | | | | | | | | | | | | T | | | .06 | 1.01 | | | | .01 | .20 | |
| CANTON | 2.37 | | .27 | .46 | | | | .60 | | | | | | | | | | | | | | .02 | | | | 1.02 | | | | | | |
| CHATSWORTH | 2.97 | | .80 | .45 | | | | | | | | | | | | | | | | | | .06 | | | | 1.41 | | | | | .25 | |
| FORTESCUE | 2.53 | | .10 | .15 | | | | .55 | | | | | | | | | | | | | | | | | | 1.40 | .10 | | | | .23 | |
| FREEHOLD | 2.36 | | .08 | .35 | | | | .24 | .03 | | | | | | | | | | | | | .11 | | | | 1.12 | .04 | .04 | | | .35 | |
| GLASSBORO | 2.15 | * | * | .65 | | | | .20 | | | | | | | | | | | | | | .05 | | | | 1.00 | .25 | | | | | |
| HAMMONTON 2 NNE | 3.55 | | .03 | .74 | | | | .63 | | | | | | | | | | | | | | .04 | | | | 1.72 | .11 | .04 | | | .24 | |
| HIGHTSTOWN 1 N | 2.65 | | .21 | .57 | | | | .51 | | | | T | | | | | | | | | | .05 | | | .12 | .86 | T | | | T | .33 | |
| INDIAN MILLS 2 W | 3.26 | | * | 1.00 | | | | .84 | | | | | | | | | | | | | | .05 | | | .09 | 1.05 | T | | | T | .23 | |
| MAYS LANDING 1 W | 3.86 | | .37 | .86 | | | | .93 | .03 | | | | | | | | | | | | | .10 | T | | | 1.23 | .03 | .01 | | | .30 | T |
| MILLVILLE | 3.28 | | .09 | .77 | | | | .62 | | | | | | | | | | | | | | .07 | | | | 1.68 | .05 | T | | | | |
| MILLVILLE FAA AIRPORT | 3.83 | .08 | .58 | .01 | | | .02 | .62 | | | | | | | | | | | | | | .07 | | | .33 | 1.76 | .03 | | | .26 | .07 | |
| MOORESTOWN | 2.43 | | * | .70 | | | | .42 | | | | | | | | | | | | | | .03 | | | T | 1.07 | | | | | T | .21 |
| NEW BRUNSWICK | 2.79 | | .03 | .22 | | | | .20 | .06 | | | | | | | | | | | | | .08 | | | | 1.87 | .04 | .03 | | T | .26 | T |
| PEMBERTON 3 E | 3.34 | | .65 | .59 | | | | .73 | | | | | | | | | | | | | | T | | | .06 | 1.08 | | T | | | .23 | |
| PRINCETON WATER WORKS | 2.72 | T | .38 | .18 | | | | .48 | | | | | | | | | | | | | | .07 | | | .76 | .64 | | | | .15 | .06 | |
| SEABROOK FARMS | 2.43 | T | * | .39 | | | | .77 | | | | | | | | | | | | | | .02 | | | | .81 | .14 | .04 | T | | | .26 |
| SHILOH | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| TOMS RIVER | 2.92 | | .18 | 1.02 | | | | .30 | .02 | | | | | | | | | | | | | .10 | | | | 1.13 | .16 | .01 | | | | |
| TRENTON WB CITY R | 2.44 | .10 | .42 | T | | | | .48 | | | | | | | | | | | | | | .03 | | | .55 | .54 | .01 | | | .19 | .12 | |
| TUCKERTON | 3.75 | T | 1.34 | .11 | | | | .94 | | | | | | | | | | | | | | .18 | | | .08 | .75 | T | T | | T | .35 | T |
| WOODSTOWN | 2.14 | * | * | .62 | | | | .40 | | | | | | | | | | | | | | .01 | | | .18 | .69 | .03 | .01 | | | .20 | |
| * * *<br>COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 2.63 | .01 | .88 | | | | .01 | .77 | | | | | | | | | | | | | | .12 | | | .01 | .60 | | | | .22 | .01 | |
| BELMAR 2 SW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CAPE MAY 1 NW | 3.35 | | .54 | .82 | | | | 1.19 | T | | .04 | | | | | | | | | | T | .04 | | | | .23 | .14 | | | | .29 | .06 |
| LONG BRANCH 2 N | 2.84 | | .18 | .40 | | | | .91 | | | | | | | | T | | | | | | .13 | | | .08 | .90 | | T | | T | .24 | T |

# SUPPLEMENTAL DATA

| Station | Wind (Speed - m.p.h.) | | | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | EASTERN STANDARD TIME 1 AM | 7 AM | 1 PM | 7 PM | Trace | .01–.09 | .10–.49 | .50–.99 | 1.00–1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 29 | 6.7 | 14.4 | 31++ | 29 | 11 | 73 | 74 | 51 | 61 | 1 | 5 | 3 | 1 | 1 | 0 | 11 | 48 | 5.4 |
| ATLANTIC CITY ST. MARINA | – | – | – | 38 | NNE | 02 | – | – | – | – | 0 | 4 | 2 | 3 | 0 | 0 | 9 | – | – |
| NEWARK WB AIRPORT | 29 | 8.0 | 14.1 | 32++ | 30 | 10 | 64 | 67 | 44 | 51 | 3 | 1 | 5 | 0 | 2 | 0 | 11 | – | 5.7 |
| TRENTON WB CITY | – | – | – | 32 | NE | 02 | – | – | – | – | 1 | 2 | 5 | 2 | 0 | 0 | 10 | 65 | 5.2 |

See reference notes following Station Index.

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 40 | 38 | 34 | 44 | 44 | 38 | 43 | 36 | 44 | 43 | 43 | 34 | 39 | 41 | 45 | 47 | 50 | 55 | 68 | 62 | 51 | 57 | 49 | 58 | 47 | 52 | 47 | 47 | 53 | 58 | 43 | 46.8 |
| | MIN | 25 | 27 | 28 | 24 | 16 | 26 | 26 | 20 | 23 | 22 | 15 | 15 | 15 | 26 | 27 | 24 | 20 | 25 | 29 | 29 | 34 | 32 | 18 | 23 | 33 | 39 | 29 | 21 | 34 | 25 | 18 | 24.8 |
| BOONTON 1 SE | MAX | 42 | 37 | 34 | 43 | 40 | 33 | 43 | 36 | 40 | 40 | 39 | 30 | 37 | 40 | 42 | 42 | 47 | 52 | 63 | 59 | 49 | 55 | 45 | 58 | 47 | 50 | 46 | 45 | 51 | 56 | 41 | 44.6 |
| | MIN | 24 | 27 | 27 | 28 | 18 | 15 | 19 | 19 | 22 | 25 | 19 | 18 | 20 | 30 | 29 | 23 | 21 | 27 | 33 | 37 | 38 | 33 | 23 | 27 | 32 | 40 | 33 | 25 | 33 | 28 | 22 | 26.3 |
| CANOE BROOK | MAX | 40 | 36 | 35 | 44 | 44 | 37 | 44 | 40 | 41 | 40 | 41 | 32 | 37 | 42 | 45 | 44 | 48 | 55 | 66 | 59 | 50 | 58 | 48 | 58 | 46 | 53 | 48 | 47 | 52 | 58 | 43 | 46.2 |
| | MIN | 26 | 27 | 28 | 26 | 17 | 22 | 23 | 18 | 17 | 23 | 21 | 15 | 18 | 30 | 22 | 20 | 20 | 27 | 34 | 38 | 43 | 36 | 20 | 27 | 28 | 36 | 33 | 24 | 33 | 28 | 29 | 26.1 |
| CHARLOTTEBURG | MAX | 41 | 35 | 30 | 41 | 38 | 30 | 40 | 33 | 39 | 38 | 35 | 26 | 31 | 32 | 40 | 39 | 42 | 51 | 63 | 52 | 48 | 54 | 41 | 56 | 44 | 49 | 44 | 43 | 50 | 50 | 29 | 41.4 |
| | MIN | 22 | 25 | 26 | 26 | 15 | 7 | 12 | 19 | 20 | 21 | 17 | 13 | 13 | 21 | 26 | 23 | 17 | 17 | 29 | 34 | 34 | 36 | 27 | 24 | 28 | 37 | 30 | 25 | 27 | 24 | 20 | 23.1 |
| CRANFORD | MAX | 40 | 35 | 43 | 45 | 39 | 44 | 42 | 41 | 41 | 41 | 39 | 38 | 43 | 47 | 44 | 49 | 58 | 69 | 67 | 57 | 60 | 55 | 57 | 56 | 54 | 52 | 47 | 53 | 61 | 56 | 40 | 48.8 |
| | MIN | 28 | 21 | 29 | 28 | 19 | 16 | 26 | 18 | 24 | 25 | 22 | 17 | 27 | 34 | 30 | 25 | 22 | 28 | 37 | 39 | 39 | 33 | 21 | 28 | 42 | 42 | 33 | 24 | 36 | 29 | 24 | 27.9 |
| ELIZABETH | MAX | 40 | 36 | 49 | 47 | 41 | 44 | 39 | 41 | 43 | 42 | 40 | 40 | 45 | 48 | 47 | 50 | 58 | 70 | 65 | 56 | 60 | 53 | 58 | 50 | 54 | 53 | 50 | 53 | 62 | 55 | 44 | 49.5 |
| | MIN | 30 | 28 | 30 | 29 | 20 | 20 | 27 | 19 | 28 | 22 | 24 | 18 | 25 | 34 | 29 | 25 | 25 | 30 | 38 | 40 | 40 | 36 | 25 | 31 | 42 | 42 | 34 | 27 | 37 | 30 | 24 | 29.3 |
| ESSEX FELLS SERV BLDG | MAX | 41 | 36 | 35 | 43 | 43 | 35 | 43 | 38 | 42 | 40 | 41 | 32 | 37 | 41 | 44 | 43 | 48 | 57 | 67 | 50 | 51 | 58 | 45 | 58 | 46 | 46 | 44 | 52 | 53 | 58 | 43 | 45.5 |
| | MIN | 26 | 27 | 28 | 22 | 17 | 15 | 25 | 12 | 20 | 24 | 20 | 15 | 23 | 32 | 29 | 24 | 23 | 32 | 35 | 39 | 38 | 35 | 24 | 28 | 39 | 34 | 25 | 25 | 36 | 27 | 22 | 26.5 |
| FLEMINGTON 1 NE | MAX | 41 | 38 | 35 | 45 | 43 | 35 | 43 | 38 | 41 | 39 | 41 | 32 | 38 | 42 | 45 | 44 | 48 | 58 | 68 | 59 | 53 | 58 | 49 | 56 | 47 | 53 | 48 | 45 | 54 | 60 | 43 | 46.4 |
| | MIN | 26 | 22 | 28 | 24 | 20 | 14 | 16 | 14 | 20 | 26 | 23 | 16 | 18 | 30 | 30 | 21 | 18 | 21 | 33 | 33 | 40 | 32 | 16 | 25 | 32 | 41 | 32 | 22 | 32 | 26 | 22 | 24.9 |
| HIGH POINT PARK | MAX | 40 | 31 | 39 | 40 | 34 | 27 | 37 | 28 | 31 | 37 | 31 | 23 | 27 | 32 | 37 | 36 | 41 | 49 | 62 | 47 | 44 | 50 | 49 | 54 | 40 | 48 | 44 | 43 | 50 | 49 | 39 | 40.0 |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | MAX | 36 | 36 | 42 | 45 | 35 | 43 | 37 | 40 | 40 | 41 | 32 | 37 | 42 | 45 | 43 | 50 | 57 | 69 | 56 | 46 | 60 | 47 | 49 | 46 | 52 | 48 | 49 | 47 | 61 | 42 | 39 | 45.5 |
| | MIN | 31 | 29 | 30 | 30 | 21 | 29 | 30 | 23 | 30 | 28 | 22 | 19 | 27 | 33 | 34 | 32 | 34 | 40 | 38 | 41 | 44 | 38 | 34 | 39 | 44 | 38 | 35 | 33 | 40 | 33 | 27 | 32.5 |
| LAMBERTVILLE | MAX | 39 | 36 | 46 | 43 | 39 | 44 | 40 | 43 | 40 | 44 | 39 | 41 | 42 | 45 | 46 | 50 | 59 | 69 | 61 | 59 | 60 | 52 | 60 | 54 | 54 | 52 | 47 | 53 | 62 | 54 | 40 | 48.8 |
| | MIN | 28 | 27 | 30 | 21 | 21 | 15 | 28 | 16 | 27 | 27 | 24 | 18 | 28 | 28 | 31 | 22 | 22 | 28 | 36 | 41 | 42 | 37 | 21 | 29 | 42 | 42 | 34 | 24 | 37 | 29 | 25 | 28.4 |
| LAYTON 2 | MAX | 43 | 38 | 31 | 45 | 42 | 33 | 43 | 36 | 40 | 40 | 38 | 29 | 33 | 38 | 40 | 42 | 45 | 52 | 67 | 58 | 55 | 56 | 46 | 58 | 46 | 52 | 47 | 45 | 53 | 55 | 42 | 44.8 |
| | MIN | 19 | 27 | 28 | 21 | 12 | 5 | 6 | 9 | 12 | 21 | 17 | 13 | 15 | 29 | 26 | 17 | 16 | 18 | 27 | 27 | 28 | 29 | 16 | 22 | 28 | 39 | 28 | 17 | 17 | 23 | 13 | 20.2 |
| LITTLE FALLS | MAX | 41 | 36 | 36 | 43 | 44 | 35 | 43 | 39 | 42 | 40 | 40 | 32 | 37 | 44 | 46 | 45 | 48 | 57 | 68 | 58 | 51 | 60 | 46 | 58 | 49 | 54 | 49 | 48 | 52 | 59 | 42 | 46.5 |
| | MIN | 29 | 29 | 25 | 29 | 20 | 18 | 26 | 23 | 26 | 26 | 21 | 16 | 21 | 33 | 30 | 25 | 24 | 32 | 36 | 40 | 39 | 40 | 26 | 30 | 36 | 42 | 34 | 29 | 36 | 28 | 25 | 28.8 |
| LONG VALLEY | MAX | 40 | 36 | 32 | 46 | 41 | 35 | 43 | 37 | 42 | 42 | 39 | 31 | 35 | 39 | 43 | 44 | 46 | 54 | 65 | 60 | 49 | 56 | 45 | 55 | 45 | 49 | 45 | 44 | 51 | 57 | 41 | 44.7 |
| | MIN | 20 | 24 | 24 | 23 | 10 | 6 | 10 | 11 | 15 | 15 | 17 | 10 | 12 | 24 | 21 | 17 | 16 | 22 | 24 | 28 | 31 | 30 | 19 | 22 | 26 | 36 | 27 | 18 | 21 | 24 | 16 | 20.0 |
| MORRIS PLAINS 1 W | MAX | 39 | 35 | 34 | 44 | 42 | 35 | 44 | 36 | 40 | 40 | 38 | 32 | 38 | 41 | 44 | 43 | 43 | 56 | 68 | 58 | 53 | 60 | 45 | 58 | 57 | 53 | 47 | 45 | 52 | 58 | 42 | 45.8 |
| | MIN | 26 | 27 | 28 | 27 | 18 | 14 | 17 | 14 | 21 | 24 | 20 | 15 | 15 | 29 | 29 | 19 | 20 | 24 | 33 | 36 | 38 | 30 | 22 | 25 | 24 | 40 | 32 | 23 | 30 | 26 | 18 | 24.6 |
| NEWARK WB AIRPORT | MAX | 37 | 36 | 44 | 43 | 35 | 44 | 38 | 41 | 40 | 41 | 31 | 37 | 43 | 47 | 46 | 49 | 59 | 69 | 59 | 50 | 60 | 49 | 55 | 48 | 55 | 49 | 47 | 52 | 63 | 45 | 39 | 46.8 |
| | MIN | 29 | 29 | 30 | 26 | 21 | 25 | 26 | 22 | 28 | 27 | 22 | 18 | 27 | 34 | 31 | 28 | 29 | 36 | 38 | 40 | 42 | 37 | 31 | 36 | 43 | 38 | 34 | 31 | 39 | 32 | 27 | 30.8 |
| NEWTON | MAX | 41 | 37 | 32 | 43 | 39 | 33 | 41 | 34 | 41 | 39 | 37 | 27 | 34 | 32 | 41 | 40 | 45 | 56 | 65 | 55 | 54 | 56 | 45 | 57 | 46 | 53 | 46 | 45 | 53 | 57 | 40 | 44.0 |
| | MIN | 21 | 26 | 26 | 26 | 16 | 6 | 12 | 18 | 18 | 21 | 18 | 15 | 16 | 23 | 27 | 23 | 17 | 27 | 31 | 29 | 31 | 36 | 19 | 25 | 30 | 39 | 31 | 23 | 30 | 25 | 20 | 23.4 |
| PATERSON | MAX | 40 | 39 | 37 | 45 | 45 | 36 | 45 | 42 | 42 | 42 | 41 | 32 | 37 | 44 | 47 | 44 | 49 | 62 | 70 | 58 | 52 | 61 | 51 | 60 | 49 | 55 | 52 | 47 | 55 | 61 | 44 | 47.9 |
| | MIN | 28 | 29 | 30 | 31 | 22 | 23 | 28 | 24 | 29 | 27 | 22 | 18 | 22 | 34 | 34 | 31 | 33 | 36 | 37 | 40 | 40 | 37 | 30 | 33 | 40 | 43 | 35 | 30 | 33 | 29 | 25 | 30.7 |
| PHILLIPSBURG | MAX | 40 | 40 | 48 | 48 | 44 | 45 | 44 | 44 | 44 | 43 | 43 | 39 | 43 | 46 | 48 | 49 | 59 | 70 | 70 | 63 | 59 | 55 | 60 | 59 | 53 | 53 | 47 | 55 | 60 | 58 | 55 | 51.1 |
| | MIN | 27 | 25 | 28 | 25 | 20 | 16 | 27 | 22 | 24 | 21 | 21 | 17 | 28 | 28 | 29 | 25 | 22 | 29 | 34 | 32 | 40 | 38 | 22 | 29 | 40 | 41 | 32 | 24 | 37 | 26 | 23 | 27.5 |
| PLAINFIELD | MAX | 39 | 36 | 45 | 46 | 37 | 44 | 40 | 43 | 42 | 42 | 33 | 38 | 43 | 46 | 45 | 50 | 58 | 70 | 60 | 50 | 60 | 49 | 59 | 47 | 54 | 49 | 48 | 54 | 63 | 45 | 39 | 47.5 |
| | MIN | 27 | 27 | 30 | 27 | 21 | 18 | 28 | 17 | 28 | 26 | 23 | 17 | 26 | 33 | 30 | 25 | 24 | 29 | 36 | 39 | 40 | 34 | 24 | 30 | 42 | 42 | 33 | 25 | 37 | 30 | 24 | 28.8 |
| SOMERVILLE | MAX | 40 | 36 | 47 | 44 | 36 | 44 | 40 | 41 | 41 | 41 | 37 | 38 | 43 | 46 | 45 | 49 | 57 | 69 | 60 | 54 | 59 | 48 | 58 | 52 | 54 | 51 | 46 | 54 | 61 | 52 | 38 | 47.8 |
| | MIN | 27 | 26 | 30 | 28 | 19 | 16 | 28 | 20 | 24 | 24 | 22 | 15 | 26 | 30 | 26 | 19 | 20 | 26 | 36 | 39 | 36 | 32 | 19 | 26 | 42 | 42 | 33 | 22 | 35 | 28 | 22 | 27.0 |
| SUSSEX 1 SE | MAX | 40 | 36 | 32 | 42 | 40 | 32 | 39 | 36 | 38 | 37 | 38 | 29 | 34 | 39 | 40 | 42 | 44 | 54 | 62 | 53 | 50 | 54 | 44 | 55 | 46 | 47 | 37 | 43 | 50 | 53 | 40 | 42.8 |
| | MIN | 19 | 22 | 25 | 16 | 13 | 1 | 3 | 6 | 11 | 16 | 14 | 10 | 12 | 25 | 24 | 14 | 13 | 16 | 25 | 26 | 29 | 31 | 18 | 22 | 26 | 37 | 27 | 24 | 25 | 22 | 14 | 18.9 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 41 | 34 | 44 | 43 | 35 | 44 | 38 | 42 | 37 | 39 | 31 | 38 | 42 | 49 | 45 | 52 | 60 | 71 | 60 | 48 | 69 | 55 | 53 | 53 | 64 | 52 | 49 | 53 | 71 | 45 | 41 | 48.3 |
| | MIN | 31 | 31 | 31 | 21 | 13 | 17 | 24 | 13 | 23 | 18 | 13 | 11 | 24 | 29 | 30 | 24 | 25 | 25 | 39 | 42 | 46 | 23 | 19 | 28 | 47 | 36 | 30 | 23 | 42 | 29 | 16 | 26.5 |
| AUDUBON | MAX | 42 | 34 | 46 | 46 | 39 | 42 | 40 | 44 | 40 | 44 | 35 | 42 | 45 | 50 | 47 | 53 | 62 | 71 | 64 | 61 | 64 | 54 | 61 | 53 | 59 | 49 | 50 | 56 | 67 | 48 | 41 | 50.0 |
| | MIN | 29 | 28 | 30 | 29 | 23 | 23 | 29 | 22 | 31 | 29 | 22 | 18 | 30 | 30 | 32 | 26 | 25 | 30 | 39 | 41 | 46 | 41 | 26 | 35 | 46 | 37 | 35 | 28 | 35 | 32 | 26 | 30.7 |
| BELLEPLAIN ST FOREST | MAX | 40 | 36 | 44 | 46 | 44 | 44 | 42 | 45 | 43 | 42 | 41 | 40 | 42 | 47 | 45 | 51 | 59 | 64 | 62 | 60 | 67 | 64 | 58 | 53 | 60 | 59 | 48 | 53 | 68 | 60 | 42 | 50.6 |
| | MIN | 26 | 30 | 30 | 22 | 20 | 19 | 32 | 17 | 31 | 23 | 28 | 18 | 25 | 27 | 29 | 23 | 22 | 28 | 39 | 41 | 40 | 31 | 23 | 29 | 46 | 44 | 32 | 22 | 37 | 29 | 19 | 28.5 |
| BURLINGTON | MAX | 39 | 36 | 47 | 45 | 42 | 45 | 45 | 44 | 44 | 44 | 43 | 44 | 43 | 49 | 47 | 51 | 61 | 70 | 64 | 60 | 65 | 57 | 58 | 58 | 58 | 56 | 63 | 55 | 65 | 65 | 61 | 52.4 |
| | MIN | 34 | 26 | 26 | 28 | 22 | 25 | 26 | 20 | 24 | 22 | 17 | 18 | 27 | 26 | 27 | 27 | 23 | 31 | 37 | 42 | 41 | 36 | 27 | 34 | 45 | 44 | 34 | 31 | 36 | 32 | 27 | 29.5 |
| CHATSWORTH | MAX | 39 | 37 | 43 | 44 | 43 | 45 | 43 | 41 | 41 | 42 | 40 | 40 | 42 | 47 | 46 | 50 | 60 | 70 | 60 | 57 | 65 | 59 | 59 | 52 | 60 | 53 | 47 | 54 | 68 | 64 | 50 | 50.4 |
| | MIN | 25 | 28 | 29 | 24 | 19 | 15 | 27 | 15 | 26 | 22 | 20 | 12 | 23 | 27 | 28 | 21 | 19 | 25 | 37 | 42 | 39 | 35 | 18 | 27 | 45 | 43 | 32 | 21 | 26 | 28 | 22 | 26.5 |
| FREEHOLD | MAX | 37 | 35 | 34 | 42 | 42 | 39 | 42 | 36 | 40 | 37 | 40 | 31 | 35 | 41 | 45 | 42 | 47 | 56 | 67 | 54 | 50 | 60 | 48 | 56 | 50 | 53 | 48 | 46 | 55 | 66 | 44 | 45.7 |
| | MIN | 26 | 27 | 29 | 25 | 18 | 15 | 26 | 15 | 24 | 24 | 22 | 16 | 20 | 30 | 28 | 25 | 25 | 32 | 35 | 37 | 39 | 37 | 27 | 28 | 35 | 42 | 32 | 26 | 35 | 30 | 23 | 27.5 |
| GLASSBORO | MAX | 42 | 40 | 33 | 46 | 45 | 39 | 45 | 40 | 45 | 37 | 43 | 34 | 41 | 43 | 48 | 46 | 52 | 59 | 69 | 62 | 58 | 65 | 55 | 58 | 58 | 58 | 50 | 47 | 49 | 66 | 46 | 49.0 |
| | MIN | 30 | 28 | 23 | 28 | 22 | 24 | 28 | 22 | 30 | 27 | 26 | 18 | 25 | 31 | 32 | 34 | 26 | 30 | 37 | 38 | 40 | 34 | 26 | 37 | 41 | 42 | 34 | 28 | 36 | 35 | 23 | 30.2 |
| HAMMONTON 2 NNE | MAX | 43 | 40 | 32 | 46 | 43 | 41 | 45 | 41 | 46 | 38 | 45 | 36 | 43 | 46 | 52 | 52 | 55 | 62 | 71 | 63 | 54 | 68 | 54 | 63 | 53 | 59 | 53 | 52 | 55 | 69 | 48 | 50.6 |
| | MIN | 26 | 29 | 29 | 25 | 21 | 24 | 29 | 21 | 30 | 25 | 27 | 17 | 25 | 27 | 29 | 26 | 27 | 29 | 38 | 38 | 40 | 36 | 26 | 34 | 36 | 43 | 33 | 28 | 37 | 31 | 23 | 29.3 |
| HIGHTSTOWN 1 N | MAX | 37 | 35 | 44 | 42 | 38 | 44 | 40 | 40 | 40 | 40 | 38 | 36 | 39 | 44 | 43 | 47 | 57 | 67 | 58 | 52 | 61 | 50 | 58 | 51 | 56 | 52 | 46 | 53 | 64 | 55 | 38 | 47.3 |
| | MIN | 27 | 28 | 29 | 26 | 19 | 17 | 27 | 18 | 27 | 26 | 23 | 16 | 24 | 30 | 28 | 26 | 24 | 32 | 36 | 42 | 40 | 37 | 24 | 30 | 45 | 42 | 33 | 26 | 37 | 30 | 24 | 28.8 |
| INDIAN MILLS 2 W | MAX | 40 | 33 | 43 | 43 | 37 | 45 | 38 | 43 | 39 | 41 | 37 | 39 | 40 | 46 | 44 | 50 | 59 | 69 | 63 | 56 | 64 | 52 | 58 | 50 | 60 | 51 | 47 | 53 | 68 | 56 | 39 | 48.5 |
| | MIN | 25 | 29 | 30 | 24 | 20 | 19 | 28 | 14 | 27 | 25 | 24 | 17 | 27 | 27 | 29 | 25 | 19 | 27 | 37 | 40 | 40 | 36 | 18 | 30 | 47 | 40 | 33 | 21 | 36 | 29 | 18 | 27.8 |
| MILLVILLE | MAX | 43 | 42 | 33 | 45 | 45 | 40 | 45 | 40 | 45 | 38 | 43 | 35 | 41 | 43 | | | 51 | 59 | 69 | 65 | 57 | 65 | 54 | 58 | 54 | 59 | 51 | | | | | 48.8 |
| | MIN | 26 | 30 | 30 | 25 | 21 | 22 | 30 | 21 | 30 | 25 | 22 | 19 | 18 | 28 | | | 15 | 27 | 40 | 41 | 38 | 36 | 23 | 36 | 40 | 44 | 30 | | | | | 28.7 |
| MILLVILLE FAA AIRPORT | MAX | 41 | 32 | 45 | 43 | 36 | 43 | 39 | 44 | 37 | 42 | 32 | 39 | 41 | 46 | 45 | 50 | 58 | 65 | 63 | 50 | 64 | 52 | 58 | 53 | 58 | 50 | 45 | 51 | 66 | 41 | 39 | 47.4 |
| | MIN | 30 | 31 | 31 | 27 | 21 | 20 | 30 | 17 | 30 | 27 | 21 | 18 | 28 | 30 | 30 | 26 | 23 | 27 | 41 | 41 | 47 | 32 | 24 | 32 | 47 | 36 | 33 | 22 | 41 | 31 | 19 | 29.5 |
| MOORESTOWN | MAX | 32 | 39 | 43 | 42 | 42 | 44 | 39 | 40 | 39 | 42 | 34 | 41 | 42 | 49 | 42 | 49 | 63 | 70 | 60 | 61 | 52 | 55 | 62 | 56 | 55 | 51 | 48 | 51 | 63 | 49 | 35 | 48.1 |
| | MIN | 30 | 27 | 27 | 27 | 20 | 21 | 27 | 27 | 28 | 29 | 28 | 19 | 26 | 28 | 31 | 27 | 22 | 32 | 37 | 41 | 45 | 32 | 23 | 32 | 51 | 41 | 34 | 30 | 38 | 31 | 25 | 30.2 |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | MAX | 40 | 36 | 36 | 44 | 42 | 35 | 44 | 37 | 40 | 40 | 41 | 32 | 37 | 42 | 45 | 44 | 48 | 57 | 68 | 58 | 51 | 58 | 48 | 59 | 48 | 53 | 48 | 45 | 57 | 63 | 43 | 46.4 |
| | MIN | 27 | 27 | 30 | 27 | 20 | 18 | 25 | 21 | 29 | 25 | 23 | 17 | 18 | 30 | 29 | 27 | 26 | 34 | 36 | 39 | 40 | 40 | 29 | 27 | 36 | 42 | 33 | 29 | 34 | 30 | 24 | 28.8 |
| PEMBERTON 3 E | MAX | 38 | 33 | 42 | 43 | 35 | 42 | 43 | 42 | 41 | 40 | 32 | 38 | 40 | 46 | 46 | 50 | 59 | 70 | 61 | 59 | 67 | 56 | 60 | 51 | 61 | 52 | 48 | 55 | 67 | 56 | 41 | 48.8 |
| | MIN | 27 | 29 | 30 | 22 | 19 | 17 | 28 | 18 | 25 | 23 | 25 | 17 | 24 | 28 | 28 | 24 | 22 | 28 | 38 | 38 | 41 | 36 | 21 | 30 | 47 | 42 | 34 | 25 | 37 | 28 | 22 | 28.2 |
| SEABROOK FARMS | MAX | 41 | 40 | 32 | 43 | 42 | 36 | 43 | 39 | 44 | 36 | 41 | 33 | 39 | 42 | 47 | 43 | 50 | 59 | 67 | 62 | 54 | 65 | 53 | 56 | 53 | 59 | 52 | 47 | 52 | 66 | 43 | 47.7 |
| | MIN | 28 | 29 | 30 | 25 | 22 | 25 | 30 | 19 | 30 | 27 | 28 | 18 | 20 | 28 | 30 | 26 | 26 | 30 | 40 | 40 | 41 | 35 | 25 | 36 | 41 | 44 | 34 | 26 | 39 | 33 | 24 | 30.0 |
| SHILOH | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOMS RIVER | MAX | 40 | 37 | 33 | 44 | 44 | 35 | 44 | 37 | 42 | 40 | 41 | 32 | 38 | 40 | 45 | 44 | 49 | 59 | 70 | 57 | 51 | 63 | 50 | 53 | 52 | 62 | 62 | 47 | 56 | 67 | 46 | 47.7 |
| | MIN | 30 | 30 | 30 | 25 | 19 | 15 | 24 | 14 | 20 | 25 | 26 | 17 | 21 | 27 | 30 | 25 | 21 | 29 | 36 | 37 | 41 | 36 | 20 | 29 | 40 | 43 | 33 | 24 | 33 | 31 | 23 | 27.5 |
| TRENTON WB CITY | MAX | 36 | 36 | 45 | 43 | 36 | 44 | 37 | 43 | 39 | 43 | 32 | 40 | 41 | 45 | 44 | 48 | 59 | 68 | 59 | 56 | 59 | 49 | 57 | 53 | 55 | 48 | 45 | 54 | 63 | 44 | 38 | 47.1 |
| | MIN | 30 | 29 | 31 | 28 | 22 | 28 | 27 | 26 | 28 | 26 | 19 | 19 | 30 | 33 | 30 | 29 | 31 | 36 | 38 | 42 | 43 | 39 | 31 | 37 | 45 | 37 | 35 | 33 | 40 | 30 | 27 | 31.6 |
| TUCKERTON | MAX | 37 | 34 | 43 | 45 | 37 | 43 | 38 | 44 | 39 | 43 | 37 | 40 | 42 | 48 | 46 | 50 | 60 | 68 | 56 | 47 | 66 | 53 | 49 | 48 | 60 | 53 | 49 | 50 | 58 | 50 | 41 | 47.5 |
| | MIN | 31 | 30 | 30 | 25 | 18 | 22 | 28 | 19 | 28 | 25 | 24 | 16 | 24 | 28 | 29 | 26 | 23 | 26 | 37 | 41 | 40 | 34 | 21 | 30 | 45 | 43 | 32 | 25 | 37 | 31 | 20 | 28.6 |
| WOODSTOWN | MAX | 40 | 35 | 46 | 48 | 41 | 43 | 40 | 45 | 44 | 43 | 40 | 41 | 42 | 48 | 45 | 51 | 60 | 69 | 62 | 58 | 64 | 56 | 58 | 58 | 60 | 56 | 48 | 54 | 66 | 55 | 40 | 50.2 |
| | MIN | 28 | 27 | 27 | 26 | 22 | 21 | 29 | 22 | 31 | 26 | 25 | 19 | 28 | 31 | 28 | 25 | 24 | 27 | 38 | 39 | 41 | 35 | 24 | 33 | 48 | 39 | 34 | 25 | 39 | 32 | 24 | 29.6 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 38 | 35 | 41 | 42 | 36 | 41 | 37 | 43 | 37 | 41 | 32 | 39 | 42 | 48 | 45 | 50 | 51 | 52 | 52 | 45 | 57 | 52 | 48 | 48 | 56 | 51 | 47 | 45 | 52 | 43 | 40 | 44.7 |
| | MIN | 33 | 31 | 31 | 29 | 24 | 31 | 29 | 26 | 31 | 26 | 21 | 20 | 28 | 31 | 31 | 29 | 33 | 37 | 38 | 40 | 44 | 38 | 33 | 41 | 44 | 38 | 36 | 32 | 41 | 33 | 27 | 32.5 |
| CAPE MAY 1 NW | MAX | 38 | 39 | 33 | 40 | 41 | 37 | 43 | 38 | 45 | 35 | 40 | 32 | 37 | 40 | 45 | 45 | 50 | 54 | 57 | 54 | 47 | 63 | 51 | 50 | 50 | 58 | 52 | 45 | 49 | 55 | 43 | 45.4 |
| | MIN | 32 | 32 | 30 | 30 | 21 | 26 | 32 | 23 | 29 | 18 | 29 | 21 | 25 | 32 | 34 | 27 | 29 | 37 | 41 | 39 | 41 | 38 | 29 | 39 | 43 | 42 | 35 | 32 | 40 | 29 | 29 | 31.7 |
| LONG BRANCH 2 N | MAX | 35 | 35 | 44 | 45 | 38 | 43 | 37 | 41 | 37 | 41 | 37 | 39 | 44 | 47 | 44 | 48 | 58 | 69 | 56 | 47 | 62 | 52 | 50 | 44 | 62 | 53 | 48 | 49 | 58 | 47 | 39 | 46.7 |
| | MIN | 30 | 29 | 30 | 27 | 21 | 20 | 26 | 19 | 29 | 25 | 25 | 17 | 25 | 31 | 29 | 27 | 25 | 34 | 36 | 40 | 40 | 38 | 26 | 30 | 42 | 43 | 34 | 27 | 39 | 31 | 25 | 29.7 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT 1 | 0 | MAX | 35 | 34 | 35 | 37 | 34 | 34 | 34 | 35 | 34 | 35 | 35 | 36 | 38 | 39 | 40 | 42 | 45 | 50 | 55 | 51 | 51 | 48 | 58 | 45 | 54 | 49 | 52 | 56 | 44 | 53 | 46 | 43.0 |
| | | MIN | 34 | 34 | 34 | 34 | 32 | 32 | 34 | 34 | 33 | 33 | 33 | 31 | 34 | 35 | 36 | 36 | 36 | 36 | 38 | 44 | 43 | 40 | 37 | 38 | 45 | 41 | 37 | 37 | 40 | 38 | 35 | 36.3 |
| | 2 | MAX | 35 | 34 | 35 | 35 | 34 | 34 | 34 | 35 | 34 | 35 | 36 | 36 | 36 | 36 | 37 | 37 | 37 | 40 | 50 | 48 | 52 | 46 | 52 | 44 | 50 | 47 | 48 | 51 | 49 | 47 | 44 | 40.9 |
| | | MIN | 34 | 34 | 34 | 34 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 35 | 35 | 36 | 36 | 36 | 36 | 38 | 43 | 44 | 41 | 38 | 39 | 44 | 43 | 38 | 39 | 41 | 40 | 38 | 37.0 |
| | 4 | MAX | 35 | 34 | 35 | 34 | 34 | 34 | 34 | 35 | 34 | 35 | 37 | 36 | 36 | 36 | 38 | 38 | 37 | 39 | 46 | 39 | 44 | 46 | 52 | 44 | 45 | 49 | 46 | 44 | 50 | 45 | 47 | 39.9 |
| | | MIN | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | 35 | 36 | 36 | 36 | 36 | 38 | 34 | 39 | 42 | 41 | 43 | 40 | 45 | 43 | 40 | 41 | 41 | 43 | 37.2 |
| | 8 | MAX | 36 | 35 | 36 | 35 | 35 | 35 | 35 | 35 | 35 | 36 | 37 | 37 | 37 | 37 | 37 | 38 | 37 | 39 | 42 | 38 | 43 | 45 | 49 | 44 | 44 | 46 | 45 | 44 | 49 | 44 | 45 | 39.7 |
| | | MIN | 34 | 35 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | 35 | 36 | 36 | 36 | 36 | 36 | 37 | 38 | 35 | 38 | 43 | 42 | 43 | 42 | 43 | 44 | 42 | 42 | 43 | 43 | 37.7 |
| | 20 | MAX | 37 | 37 | 38 | 37 | 36 | 36 | 37 | 37 | 36 | 37 | 38 | 38 | 39 | 38 | 39 | 39 | 39 | 39 | 39 | 41 | 42 | 43 | 42 | 42 | 43 | 43 | 44 | 43 | 43 | 43 | 43 | 39.6 |
| | | MIN | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 37 | 38 | 38 | 38 | 38 | 38 | 38 | 37 | 38 | 39 | 41 | 42 | 42 | 42 | 42 | 43 | 43 | 42 | 42 | 42 | 42 | 38.8 |
| | 40 | MAX | 39 | 39 | 39 | 38 | 38 | 38 | 39 | 39 | 39 | 39 | 40 | 40 | 41 | 40 | 41 | 41 | 41 | 40 | 39 | 40 | 40 | 41 | 41 | 42 | 42 | 42 | 43 | 43 | 43 | 43 | 43 | 40.4 |
| | | MIN | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 39 | 39 | 40 | 40 | 40 | 40 | 40 | 38 | 38 | 39 | 39 | 40 | 41 | 41 | 41 | 41 | 42 | 42 | 42 | 42 | 42 | 39.5 |
| PLOT 2 | 1 | MAX | 35 | 34 | 35 | 34 | 34 | 34 | 34 | 35 | 34 | 35 | 36 | 36 | 36 | 36 | 42 | 44 | 54 | 57 | 59 | 54 | 60 | 51 | 62 | 46 | 55 | 52 | 53 | 58 | 56 | 55 | 48 | 45.0 |
| | | MIN | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | 36 | 36 | 36 | 37 | 38 | 39 | 45 | 42 | 38 | 36 | 35 | 45 | 41 | 36 | 36 | 38 | 37 | 35 | 36.5 |
| | 2 | MAX | 35 | 34 | 35 | 34 | 34 | 34 | 34 | 35 | 34 | 35 | 36 | 36 | 36 | 36 | 40 | 45 | 53 | 56 | 56 | 52 | 58 | 50 | 59 | 45 | 45 | 51 | 50 | 55 | 55 | 53 | 47 | 43.8 |
| | | MIN | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | 35 | 36 | 36 | 37 | 39 | 40 | 44 | 44 | 40 | 38 | 37 | 44 | 42 | 37 | 37 | 39 | 39 | 36 | 36.9 |
| | 4 | MAX | 35 | 34 | 35 | 35 | 35 | 35 | 35 | 35 | 34 | 35 | 36 | 37 | 36 | 36 | 38 | 44 | 47 | 50 | 50 | 49 | 53 | 46 | 52 | 44 | 50 | 47 | 45 | 49 | 50 | 49 | 44 | 41.9 |
| | | MIN | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | 36 | 36 | 37 | 38 | 39 | 42 | 44 | 45 | 40 | 41 | 39 | 44 | 45 | [illegible] | 39 | 42 | 40 | 39 | 37.7 |
| | 8 | MAX | 36 | 35 | 35 | 35 | 35 | 35 | 35 | 36 | 35 | 35 | 37 | 37 | 37 | 37 | 38 | 41 | 42 | 45 | 46 | 46 | 48 | 45 | 46 | 43 | 44 | 46 | 44 | 45 | 46 | 46 | 43 | 40.4 |
| | | MIN | 35 | 34 | 34 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 36 | 36 | 36 | 37 | 37 | 39 | 43 | 44 | 44 | 41 | 43 | 42 | 43 | 44 | 42 | 42 | 42 | 43 | 41 | 38.5 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

PLOT #1 - SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER, KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

PLOT #2 - SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# SNOWFALL AND SNOW ON GROUND

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * *<br>NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | | .3 | 10.0 | | | | 1.0 | .7 | | | | | | | | | | | | | | | | | | | | | | | T |
| | SN ON GND | T | 1 | 10 | - | - | T | 1 | T | T | T | T | T | T | T | T | | | | | | | | | | | | | | | | T |
| CHARLOTTEBURG | SNOWFALL | | | 9.0 | | | | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | 4 | 4 | 13 | 13 | 13 | 11 | 12 | 10 | 9 | 9 | 9 | 8 | 8 | 7 | 6 | 5 | 4 | 2 | 1 | | | | | | | | | | | | |
| FLEMINGTON 1 NE | SNOWFALL | | 2.5 | 5.0 | | | | 2.5 | .5 | | | | | | | | | | | | | | | | | | | T | | | T | |
| | SN ON GND | T | 3 | 7 | 4 | 3 | 1 | 3 | 2 | T | T | T | T | T | T | T | T | T | | | | | | | | | | | | | T | |
| LAMBERTVILLE | SNOWFALL | | 2.5 | 6.0 | | | | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | T | 3 | 3 | 2 | 1 | 1 | 2 | T | T | T | T | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | SNOWFALL | | .3 | 2.0 | | | | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | 4 | 3 | 5 | 4 | 3 | 2 | 3 | 3 | 2 | 1 | 1 | T | T | | | | | | | | | | | | | | | | | | |
| LONG VALLEY | SNOWFALL | | 1.0 | 2.0 | | | | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | |
| MORRIS PLAINS 1 W | SNOWFALL | | .5 | 2.5 | | | | 2.0 | T | | | T | | | | T | | | | | | | | T | | | | T | | | T | |
| | SN ON GND | T | 1 | 3 | 1 | 1 | | 2 | 2 | T | | T | | | | T | | | | | | | | | | | | | | | | |
| NEWARK WB AIRPORT | SNOWFALL | | 1.1 | 2.5 | | | | 2.3 | | | T | | | | | | | | | | | | | | | | | | | | T | |
| | SN ON GND | | 1 | 2 | T | | | 1 | 1 | T | | | | | | | | | | | | | | | | | | | | | | |
| | WTR EQUIV | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWTON | SNOWFALL | | T | 21.0 | | | | .8 | | | | | | | | | | | | | | | | | | | | T | | | | |
| | SN ON GND | | T | 21 | 11 | 10 | 8 | 8 | 7 | 7 | 6 | 4 | 4 | 3 | 2 | 2 | 1 | T | | | | | | | | | | | | | | |
| PATERSON | SNOWFALL | | .1 | 3.0 | | | | 2.1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | - | - | - | | | - | - | - | | | | | | | | | | | | | | | | | | | | | | |
| PHILLIPSBURG | SNOWFALL | | | 8.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | 4 | T | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLAINFIELD | SNOWFALL | | 1.5 | 4.5 | | | | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | 2 | 5 | - | | | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| RAHWAY | SNOWFALL | | 1.6 | 1.0 | | | | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | 2 | 3 | 1 | T | T | 2 | 1 | T | | | | | | | | | | | | | | | | | | | | | | |
| SOMERVILLE | SNOWFALL | | .6 | 4.0 | | | | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | T | 1 | | | | 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| WANAQUE RAYMOND DAM | SNOWFALL | | T | 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | T | T | 4 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * * *<br>SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | SNOWFALL | .1 | 11.5 | T | | | | 6.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | T | 11 | 6 | 2 | 2 | 4 | 3 | 2 | 1 | 1 | 1 | 1 | T | T | T | T | T | | | | | | | | | | | | | |
| | WTR EQUIV | | | 1.1 | .6 | .2 | .2 | .4 | .3 | .2 | | | | | | | | | | | | | | | | | | | | | | |
| BASS RIVER ST FOREST | SNOWFALL | | | - | | | | - | - | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| FREEHOLD | SNOWFALL | | 1.0 | 4.0 | | | | 3.6 | T | | | | | | | | | | | | | | | | | | | | | | T | |
| | SN ON GND | | 1 | 5 | - | 1 | 1 | 5 | 4 | 2 | 2 | 1 | 1 | 1 | 1 | T | T | T | T | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | SNOWFALL | | 2.7 | 6.0 | | | | 5.5 | | | | T | | | | | | | | | | | | | | | | | | | T | |
| | SN ON GND | 2 | 4 | 6 | 5 | 5 | 3 | 7 | 6 | 5 | 4 | 4 | 4 | 3 | 2 | 1 | T | T | T | T | T | | | | | | | | | | | |
| INDIAN MILLS 2 W | SNOWFALL | | 6.5 | 3.5 | | | | 6.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | 6 | 5 | 3 | 3 | 2 | 6 | 4 | 4 | 3 | 3 | 2 | 1 | T | T | | | | | | | | | | | | | | | | |
| MAYS LANDING 1 W | SNOWFALL | | 3.0 | 6.8 | | | | 5.5 | T | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | 3 | 10 | 7 | 5 | 3 | 9 | 5 | 3 | 2 | 2 | 2 | 2 | 2 | T | | | | | | | | | | | | | | | | |
| MILLVILLE | SNOWFALL | | 1.0 | - | | | | - | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | 1 | 9 | - | - | - | 6 | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | SNOWFALL | .8 | 8.0 | T | | | | 4.0 | | | | | | | | | | | | | | | | | | | | | | | T | |
| | SN ON GND | T | 1 | 8 | 4 | 2 | 1 | 5 | 3 | 2 | 1 | | | | | | | | | | | | | | | | | | | | T | |
| MOORESTOWN | SNOWFALL | | * | 6.0 | | | | 4.0 | | | | | | | | | | | | | | | | | | | | | | | | T |
| | SN ON GND | | - | 6 | - | - | | 4 | 2 | 2 | T | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | SNOWFALL | | 1.5 | 1.9 | | | | 2.0 | .5 | | | | | | | | | | | | | | | | | | | | .2 | | T | T |
| | SN ON GND | 4 | - | 8 | 4 | - | T | 2 | 3 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | SNOWFALL | | 6.5 | 5.5 | | | | 6.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | 7 | 12 | 4 | 4 | 3 | 6 | 3 | - | 2 | 2 | 1 | 1 | T | | | | | | | | | | | | | | | | | |
| SEABROOK FARMS | SNOWFALL | T | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRENTON WB CITY | SNOWFALL | 1.0 | 5.0 | T | | | | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | 2 | 4 | 1 | T | T | 3 | 2 | T | T | T | T | | | | | | | | | | | | | | | | | | | |
| * * *<br>COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2 N | SNOWFALL | | 1.8 | 5.0 | | | | 5.3 | | | | | | | | T | | | | | | | | | | | | | | | | T |
| | SN ON GND | T | 2 | 2 | 1 | 1 | T | 4 | 3 | 2 | 1 | 1 | 1 | T | T | T | T | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ↕ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 | | 7A | | | WALTER J SCHANCK |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F DROPPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 42 | 74 21 | 8 | 5P | 5P | | | UNION COLLEGE |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A | | | CHARLES KOONS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 N | 4987 | 03 | MONMOUTH | 1 | 40 20 | 74 00 | 10 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MANVILLE | 5197 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | JOHN L. RADCLIFFE |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 9A | 9A | | C H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 3P | 3P | | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 | | 7A | | | JOINT TULL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P | | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO. JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

↕ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- - No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

  No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- E Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

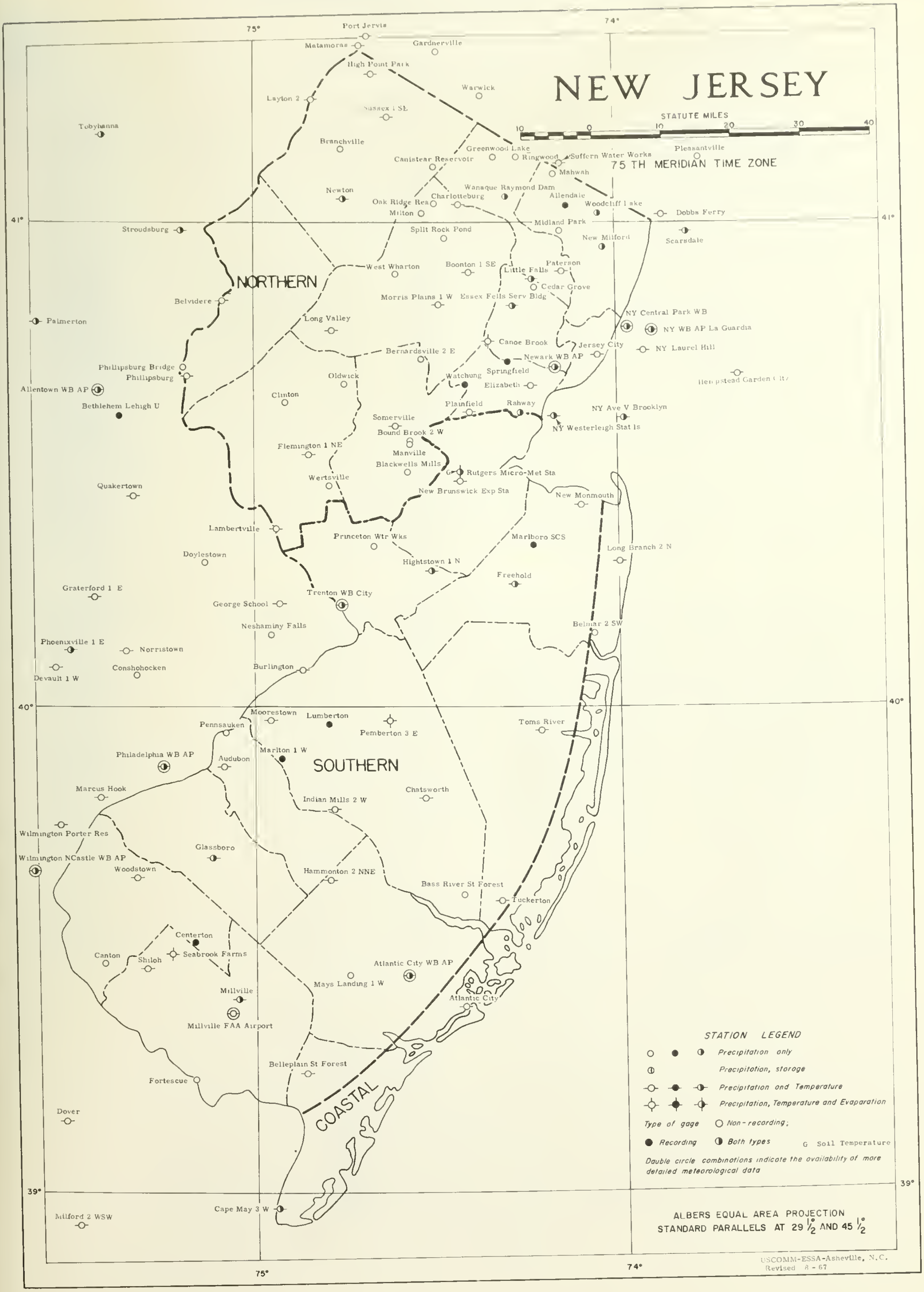
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.


NEW JERSEY
STATUTE MILES
10 0 10 20 30 40
75 TH MERIDIAN TIME ZONE
75°
74°
41°
40°
39°
NORTHERN
SOUTHERN
COASTAL
Port Jervis
Matamoras
Gardnerville
High Point Park
Warwick
Layton 2
Sussex 1 SE
Tobyhanna
Branchville
Greenwood Lake
Canistear Reservoir
Ringwood
Suffern Water Works
Mahwah
Pleasantville
Newton
Wanaque Raymond Dam
Oak Ridge Res
Charlotteburg
Allendale
Woodcliff Lake
Dobbs Ferry
Milton
Midland Park
Stroudsburg
Split Rock Pond
New Milford
Scarsdale
West Wharton
Boonton 1 SE
Paterson
Little Falls
Cedar Grove
Belvidere
Morris Plains 1 W
Essex Fells Serv Bldg
Palmerton
Long Valley
NY Central Park WB
NY WB AP La Guardia
Canoe Brook
Jersey City
NY Laurel Hill
Bernardsville 2 E
Newark WB AP
Phillipsburg Bridge
Phillipsburg
Springfield
Hempstead Garden City
Allentown WB AP
Oldwick
Watchung
Elizabeth
Clinton
Bethlehem Lehigh U
Plainfield
Rahway
NY Ave V Brooklyn
Somerville
NY Westerleigh Stat Is
Bound Brook 2 W
Manville
Flemington 1 NE
Blackwells Mills
Rutgers Micro-Met Sta
Wertsville
Quakertown
New Brunswick Exp Sta
New Monmouth
Lambertville
Princeton Wtr Wks
Marlboro SCS
Long Branch 2 N
Doylestown
Hightstown 1 N
Freehold
Graterford 1 E
Trenton WB City
George School
Belmar 2 SW
Neshaminy Falls
Phoenixville 1 E
Norristown
Conshohocken
Burlington
Devault 1 W
Moorestown
Lumberton
Pennsauken
Pemberton 3 E
Toms River
Marlton 1 W
Philadelphia WB AP
Audubon
Marcus Hook
Chatsworth
Indian Mills 2 W
Wilmington Porter Res
Glassboro
Wilmington NCastle WB AP
Woodstown
Hammonton 2 NNE
Bass River St Forest
Tuckerton
Centerton
Canton
Shiloh
Seabrook Farms
Atlantic City WB AP
Mays Landing 1 W
Millville
Atlantic City
Millville FAA Airport
Belleplain St Forest
Fortescue
Dover
Cape May 3 W
Milford 2 WSW
STATION LEGEND
○ ● ◑ Precipitation only
⦶ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
-○- -●- -◑- Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording;
● Recording ◑ Both types G Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 ½° AND 45 ½°
USCOMM-ESSA-Asheville, N.C.
Revised 8 - 67

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J

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

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NEW JERSEY
APRIL 1969
Volume 74 No. 4

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * *<br>NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 63.3 | 36.1 | 49.7 | - 1.4 | 85 | 28 | 16 | 1 | 454 | 0 | 0 | 11 | 0 | 4.01 | - .13 | 1.00 | 23 | .0 | 0 | | 9 | 4 | 1 |
| BOONTON 1 SE | 62.6 | 39.0 | 50.8 | 1.8 | 83 | 28 | 17 | 1 | 425 | 0 | 0 | 9 | 0 | 3.69 | - .17 | .80 | 20 | .0 | 0 | | 9 | 2 | 0 |
| CANOE BROOK | 63.4 | 38.9 | 51.2 | 2.5 | 86 | 28 | 25 | 2 | 413 | 0 | 0 | 8 | 0 | 3.14 | - .88 | .57 | 23 | .0 | 0 | | 10 | 2 | 0 |
| CHARLOTTEBURG | 60.7 | 35.6 | 48.2 | .2 | 83 | 28 | 13 | 1 | 500 | 0 | 1 | 10 | 0 | 3.58 | - .63 | .92 | 23 | .0 | 0 | | 7 | 2 | 0 |
| CRANFORD | 66.5 | 41.3 | 53.9 | | 86 | 27 | 19 | 1 | 337 | 0 | 0 | 6 | 0 | 3.23 | | .84 | 22 | .0 | 0 | | 9 | 2 | 0 |
| ELIZABETH | 66.6 | 43.6 | 55.1 | 3.2 | 87 | 27 | 23 | 1 | 308 | 0 | 0 | 4 | 0 | 2.74 | - 1.21 | .82 | 22 | .0 | 0 | | 7 | 2 | 0 |
| ESSEX FELLS SERV BLDG | 64.2 | 40.4 | 52.3 | | 87 | 28 | 18 | 1 | 385 | 0 | 0 | 6 | 0 | 3.07 | | 1.08 | 19 | .0 | 0 | | 8 | 2 | 1 |
| FLEMINGTON 1 NE | 64.0 | 38.3 | 51.2 | .0 | 85 | 28 | 14 | 1 | 417 | 0 | 0 | 12 | 0 | 3.01 | - .79 | .52 | 17 | .0 | 0 | | 10 | 1 | 0 |
| HIGH POINT PARK | 60.1M | M | M | | 80 | 28 | 10 | 1 | | 0 | 0 | | 0 | | | | | .0 | 0 | | | | |
| JERSEY CITY | 61.5 | 45.7 | 53.6 | 3.1 | 82 | 28+ | 28 | 1 | 348 | 0 | 0 | 1 | 0 | 2.72 | - .87 | .86 | 19 | .0 | 0 | | 7 | 1 | 0 |
| LAMBERTVILLE | 66.3 | 41.0 | 53.7 | 2.6 | 86 | 27 | 19 | 1 | 343 | 0 | 0 | 7 | 0 | 2.87 | - .77 | .67 | 19 | .0 | 0 | | 5 | 3 | 0 |
| LAYTON 2 | 62.2 | 33.5 | 47.9 | | 85 | 29+ | 12 | 1 | 509 | 0 | 0 | 14 | 0 | 4.15 | | 1.03 | 23 | T | 0 | | 10 | 3 | 1 |
| LITTLE FALLS | 64.3 | 41.9 | 53.1 | 2.4 | 86 | 28 | 20 | 1 | 364 | 0 | 0 | 5 | 0 | 3.66 | - .60 | .94 | 19 | .0 | 0 | | 9 | 2 | 0 |
| LONG VALLEY | 61.6 | 34.7 | 48.2 | | 83 | 28 | 14 | 1 | 496 | 0 | 0 | 15 | 0 | 3.67 | - .30 | 1.11 | 17 | .0 | 0 | | 8 | 2 | 1 |
| MORRIS PLAINS 1 W | | | | | | | | | | | | | | | | | | | | | | | |
| NEWARK WB AIRPORT R | 64.4 | 44.7 | 54.6 | 3.3 | 88 | 27 | 28 | 1 | 317 | 0 | 0 | 1 | 0 | 3.51 | .00 | 1.09 | 22 | .0 | 0 | | 6 | 2 | 1 |
| NEWTON | 62.7 | 36.0 | 49.4 | 1.1 | 85 | 28 | 20 | 1 | 462 | 0 | 0 | 13 | 0 | 3.72 | - .11 | .90 | 6 | .0 | 0 | | 11 | 2 | 0 |
| PATERSON | 64.7 | 42.7 | 53.7 | 2.6 | 88 | 28 | 24 | 2+ | 348 | 0 | 0 | 3 | 0 | 5.02 | .95 | 1.31 | 19 | .0 | 0 | | 9 | 3 | 1 |
| PHILLIPSBURG | 67.8 | 40.5 | 54.2 | 3.5 | 88 | 28 | 19 | 1 | 329 | 0 | 0 | 7 | 0 | 4.45 | .38 | 1.20 | 19 | .0 | 0 | | 6 | 4 | 2 |
| PLAINFIELD | 66.4 | 42.0 | 54.2 | 3.3 | 88 | 27 | 20 | 1 | 327 | 0 | 0 | 6 | 0 | 3.44 | - .43 | .80 | 22 | .0 | 0 | | 7 | 3 | 0 |
| SOMERVILLE | 66.5 | 40.1 | 53.3 | 2.7 | 86 | 27 | 17 | 1 | 348 | 0 | 0 | 8 | 0 | 3.13 | - .52 | .62 | 19 | .0 | 0 | | 7 | 4 | 0 |
| SUSSEX 1 SE | 60.9 | 33.1 | 47.0 | - 2.1 | 83 | 28 | 13 | 1 | 532 | 0 | 0 | 15 | 0 | 3.63 | - .32 | .73 | 6 | .0 | 0 | | 8 | 2 | 0 |
| DIVISION | | | 51.8 | / 1.8 | | | | | | | | | | 3.52 | - .39 | | | T | | | | | |
| * * *<br>SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 66.7 | 40.4 | 53.6 | 2.6 | 94 | 27 | 12 | 1 | 354 | 1 | 0 | 7 | 0 | 3.55 | .14 | 1.24 | 22 | .0 | 0 | | 8 | 2 | 1 |
| AUDUBON | 67.4 | 44.4 | 55.9 | | 87 | 27 | 23 | 1 | 274 | 0 | 0 | 1 | 0 | 1.98 | | .50 | 22 | .0 | 0 | | 7 | 1 | 0 |
| BELLEPLAIN ST FOREST | 67.6 | 41.1 | 54.4 | | 88 | 27 | 18 | 1 | 328 | 0 | 0 | 9 | 0 | 4.46 | .99 | 1.36 | 22 | .0 | 0 | | 9 | 3 | 2 |
| BURLINGTON | 67.8 | 44.6M | 56.2M | 2.9 | 83 | 27 | 24 | 1 | 280 | 0 | 0 | 5 | 0 | 2.04 | - 1.40 | .59 | 22 | .0 | 0 | | 6 | 1 | 0 |
| CHATSWORTH | 67.8M | 38.5M | 53.2M | | 88 | 27 | 15 | 1 | 362 | 0 | 0 | 9 | 0 | 2.61 | | .97 | 22 | .0 | 0 | | 7 | 2 | 0 |
| FREEHOLD | 64.2 | 41.2 | 52.7 | 1.9 | 87 | 28 | 20 | 1 | 376 | 0 | 0 | 6 | 0 | 2.70 | - .88 | .78 | 23 | .0 | 0 | | 9 | 2 | 0 |
| GLASSBORO | 66.1 | 43.7 | 54.9 | | 88 | 28 | 23 | 1 | 309 | 0 | 0 | 3 | 0 | 2.27 | | .63 | 16 | .0 | 0 | | 6 | 2 | 0 |
| HAMMONTON 2 NNE | 67.8 | 43.2 | 55.5 | 3.2 | 90 | 28 | 23 | 1 | 298 | 1 | 0 | 4 | 0 | 2.53 | - 1.07 | .56 | 19 | .0 | 0 | | 6 | 2 | 0 |
| HIGHTSTOWN 1 N | 66.0 | 42.2 | 54.1 | 3.2 | 85 | 27 | 20 | 1 | 326 | 0 | 0 | 5 | 0 | 2.25 | - 1.13 | .72 | 22 | .0 | 0 | | 7 | 1 | 0 |
| INDIAN MILLS 2 W | 66.8 | 40.8 | 53.8 | 2.4 | 88 | 27 | 15 | 1 | 336 | 0 | 0 | 7 | 0 | 2.08 | - 1.34 | .76 | 22 | .0 | 0 | | 6 | 1 | 0 |
| MILLVILLE | 66.9 | 41.8 | 54.4 | | 88 | 28 | 19 | 1 | 329 | 0 | 0 | 7 | 0 | 2.81 | | .59 | 22 | .0 | 0 | | 8 | 2 | 0 |
| MILLVILLE FAA AIRPORT | 65.0 | 41.9 | 53.5 | | 86 | 27 | 20 | 1 | 345 | 0 | 0 | 5 | 0 | 3.06 | | 1.10 | 22 | .0 | 0 | | 7 | 2 | 1 |
| MOORESTOWN | 64.9 | 41.2 | 53.1 | 1.7 | 85 | 27 | 24 | 1 | 351 | 0 | 0 | 6 | 0 | 1.87 | - 1.57 | .48 | 11 | .0 | 0 | | 7 | 0 | 0 |
| NEW BRUNSWICK | 64.3 | 42.7 | 53.5 | | 85 | 28 | 22 | 1 | 349 | 0 | 0 | 4 | 0 | 3.75 | | 1.05 | 19 | .0 | 0 | | 9 | 2 | 1 |
| PEMBERTON 3 E | 66.8 | 40.8 | 53.8 | 1.5 | 86 | 27 | 18 | 1 | 337 | 0 | 0 | 8 | 0 | 2.25 | - 1.20 | .73 | 22 | .0 | 0 | | 6 | 1 | 0 |
| SEABROOK FARMS | 64.8 | 43.5 | 54.2 | | 86 | 28 | 22 | 1 | 330 | 0 | 0 | 5 | 0 | 2.78 | | .51 | 22 | .0 | 0 | | 6 | 2 | 0 |
| SHILOH | 65.7 | 43.2 | 54.5 | 1.8 | 83 | 27 | 24 | 1 | 316 | 0 | 0 | 5 | 0 | 2.62 | - .49 | .95 | 22 | .0 | 0 | | 8 | 1 | 0 |
| TOMS RIVER | 64.7 | 40.4 | 52.6 | | 88 | 28 | 17 | 1 | 379 | 0 | 0 | 8 | 0 | 3.03 | | .73 | 23 | .0 | 0 | | 8 | 3 | 0 |
| TRENTON WB CITY R | 64.7 | 45.8 | 55.3 | 3.6 | 85 | 27 | 26 | 1 | 297 | 0 | 0 | 1 | 0 | 2.23 | - .98 | .60 | 22 | .0 | 0 | | 7 | 1 | 0 |
| TUCKERTON | 62.1 | 41.0 | 51.6 | | 80 | 27 | 17 | 1 | 394 | 0 | 0 | 7 | 0 | 3.10 | | 1.44 | 22 | .0 | 0 | | 9 | 2 | 1 |
| WOODSTOWN | | | | | | | | | | | | | | | | | | | | | | | |
| DIVISION | | | 54.0 | 2.6 | | | | | | | | | | 2.70 | - .75 | | | .0 | | | | | |
| * * *<br>COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 58.6 | 46.9 | 52.8 | 2.9 | 77 | 26 | 32 | 1 | 358 | 0 | 0 | 1 | 0 | 3.76 | .38 | 1.24 | 22 | | | | 8 | 2 | 1 |
| CAPE MAY 1 NW | 60.0 | 44.0 | 52.0 | | 74 | 27 | 25 | 1 | 384 | 0 | 0 | 1 | 0 | 3.22 | | .84 | 6 | .0 | 0 | | 8 | 2 | 0 |
| LONG BRANCH 2S | 62.3 | 42.7 | 52.5 | 2.9 | 83 | 27 | 22 | 1 | 373 | 0 | 0 | 3 | 0 | 2.79 | - .84 | 1.46 | 22 | .0 | 0 | | 5 | 2 | 1 |
| DIVISION | | | 52.4 | 2.4 | | | | | | | | | | 3.26 | - .06 | | | .0 | | | | | |

## EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>ATLANTIC CITY WB AP | 94 | DATE | 27 |
| LOWEST TEMPERATURE<br>HIGH POINT PARK | 10 | DATE | 01 |
| GREATEST TOTAL PRECIPITATION<br>PATERSON | 5.02 | | |
| LEAST TOTAL PRECIPITATION<br>MOORESTOWN | 1.87 | | |
| GREATEST 1 DAY PRECIPITATION<br>MIDLAND PARK | 1.57 | DATE | 22 |
| GREATEST TOTAL SNOWFALL<br>LAYTON 2 | T | | |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 4.01 | | | T | | .34 | .64 | | | | T | .15 | | | | | .58 | .31 | | .50 | T | | .25 | 1.00 | .04 | .02 | | | | .10 | .08 | . |
| BERNARDSVILLE 2 E | 3.83 | | | .05 | | .28 | .36 | | | | | .48 | | | | | .08 | .67 | | .54 | .42 | | .28 | .45 | .12 | .01 | | | | .07 | .02 | . |
| BLACKWELLS MILLS | 2.76 | | | .06 | | .17 | .32 | | | | | .23 | | | | | .15 | .35 | | .36 | .47 | | .39 | .22 | .02 | | | | | .01 | .01 | . |
| BOONTON 1 SE | 3.69 | | T | .02 | | .26 | .32 | T | | | T | .23 | T | | | | .11 | .41 | T | .32 | .80 | | .42 | .65 | .08 | T | | | | .04 | .03 | . |
| BOUND BROOK 2 W | 2.82 | | | T | | .28 | .30 | | | | | .26 | | | | | .17 | .37 | | .34 | .32 | | .40 | .24 | .04 | | | | | .10 | T | . |
| BRANCHVILLE | 3.80 | | T | T | | .38 | .59 | | | | | .12 | | | | | .14 | .55 | | .48 | .17 | | .36 | .73 | .09 | | | | | .13 | .06 | . |
| CANISTEAR RESERVOIR | 4.11 | | | .02 | | .32 | .75 | | | | | .04 | | | | | .07 | .57 | | .33 | .26 | | .34 | 1.20 | .05 | .01 | | | | .11 | .04 | . |
| CANOE BROOK | 3.14 | | | .08 | | .25 | .32 | | | | | .47 | | | | | .12 | .30 | | .26 | .12 | | .50 | .57 | .10 | T | | | | .05 | T | . |
| CHARLOTTEBURG | 3.58 | | | .01 | | .29 | .46 | | | | | .05 | | | | | .03 | .54 | | .36 | .39 | | .36 | .92 | .05 | .02 | | | | .08 | .02 | . |
| CLINTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| CRANFORD | 3.23 | | .03 | | T | .36 | .11 | | | | T | .36 | | | | | .25 | .30 | | .63 | | | .84 | .13 | .18 | | | | | .03 | .01 | . |
| ELIZABETH | 2.74 | | | | | .26 | .09 | | | | T | .25 | | | | | .30 | .11 | .01 | .62 | | | .82 | .04 | .20 | | | | | .01 | .03 | . |
| ESSEX FELLS SERV BLDG | 3.07 | | T | .03 | | .25 | .03 | | | | | .15 | | | | | .15 | .25 | | 1.08 | | | .50 | .47 | .10 | | | | | .04 | .02 | . |
| FLEMINGTON 1 NE | 3.01 | | | .10 | | .30 | .40 | | | | T | .36 | | | | | .16 | .52 | T | .26 | .15 | | .36 | .21 | .03 | | | | | .09 | .07 | . |
| GREENWOOD LAKE | 4.12 | | .02 | .01 | | .40 | .70 | | | | | .08 | | | | | .08 | .52 | | .35 | .28 | | .30 | 1.22 | .05 | .01 | | | | .07 | .03 | . |
| HIGH POINT PARK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| JERSEY CITY | 2.72 | | T | | T | .30 | | | | | .35 | | | | | T | .42 | | .20 | .86 | | | .38 | .04 | .17 | | | | T | | T | . |
| LAMBERTVILLE | 2.87 | | .04 | | | .35 | .08 | | | | .08 | .07 | | | | .10 | .57 | .04 | .09 | .67 | | | .62 | .03 | | | | | | .06 | .07 | . |
| LAYTON 2 | 4.15 | T | .01 | .03 | | .27 | .62 | | | | | .13 | | | | | .10 | .49 | | .72 | .16 | | .30 | 1.03 | .04 | T | | | | .24 | .01 | . |
| LITTLE FALLS | 3.66 | | | .01 | | .20 | .22 | | | | | .16 | | | | | .10 | .40 | | .94 | .44 | | .46 | .55 | .08 | | | | | .06 | .04 | . |
| LONG VALLEY | 3.67 | | | .04 | | .28 | .34 | | | | | .26 | | | | | .05 | 1.11 | | .32 | .23 | | .24 | .66 | .04 | | | | | .04 | .06 | . |
| MAHWAH | 4.81 | | | .11 | | .35 | .38 | | | | | .07 | | | | | .07 | .52 | | .39 | 1.19 | | .44 | 1.07 | .07 | .04 | | | | .08 | .03 | . |
| MANVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| MIDLAND PARK | 4.47 | | .08 | | .02 | .64 | | | | | .22 | | | | | .01 | .77 | | .28 | .53 | | | 1.57 | .03 | .15 | | | | .12 | | .05 | . |
| MILTON | 4.09 | | | .09 | | .30 | .70 | | | | | .13 | | | | | .11 | .67 | | .30 | .29 | | .66 | .67 | | .05 | | | | | .12 | . |
| MORRIS PLAINS 1 W | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| NEWARK WB AIRPORT R | 3.51 | | .07 | | T | .45 | T | | | | .30 | | | | | .01 | .44 | | .43 | .58 | | | 1.09 | .03 | .09 | | | | .02 | T | T | . |
| NEW MILFORD | 3.10 | | | | | .39 | | | | | .12 | | | | | | .23 | | .21 | .72 | | | 1.32 | | .11 | | | | | | | . |
| NEWTON | 3.72 | | .01 | .02 | | .34 | .90 | | | | | .12 | | | | | .20 | .43 | | .24 | .20 | | .34 | .62 | .07 | | | | | .11 | .12 | . |
| OAK RIDGE RESERVOIR | 3.86 | | | .04 | | .29 | .62 | | | | | .11 | | | | | .08 | .62 | | .30 | .31 | | .64 | .61 | .06 | .03 | | | | .06 | .09 | . |
| PATERSON | 5.02 | | | .03 | | .25 | .46 | T | | | T | .18 | | | | | .34 | .27 | | 1.31 | .61 | | .46 | .91 | .09 | .01 | | | | .05 | .05 | . |
| PHILLIPSBURG | 4.45 | | .03 | | | .60 | .22 | | | | | .24 | | | | | .72 | .08 | | 1.20 | | | 1.18 | .02 | .05 | | | | | .07 | .04 | . |
| PHILLIPSBURG BRIDGE | 4.13 | | | .01 | | .35 | .47 | | | | | .24 | | | | | .30 | .80 | | .45 | .17 | | .35 | .80 | .10 | | | | | .02 | .07 | . |
| PLAINFIELD | 3.44 | | .07 | | | .70 | | | | | .39 | | | | | T | .64 | | .20 | .46 | | | .80 | | .12 | | | | | .03 | .03 | . |
| POTTERSVILLE 2 NNW | 4.49 | | T | .08 | | .33 | .33 | | | | | .29 | | | | | .25 | 1.19 | .01 | .50 | .51 | | .33 | .55 | .02 | T | | | | .06 | .04 | . |
| RAHWAY | 3.40 | | .05 | | | .45 | .06 | | | | .26 | | | | | .14 | .25 | | .36 | .84 | | | .77 | .05 | .15 | | | | .02 | T | T | . |
| RINGWOOD | 2.88 | | | | | .40 | .35 | | | | | .02 | | | | | .21 | | | .67 | | | .54 | .62 | .05 | T | | | | .02 | | . |
| SOMERVILLE | 3.13 | | | | | .54 | .09 | | | | T | .39 | | | | T | .50 | .02 | .15 | .62 | | | .60 | | .11 | | | | | .09 | .02 | . |
| SPLIT ROCK POND | 3.96 | | | .02 | | .34 | .38 | | | | | .21 | | | | | .18 | .45 | | .84 | .08 | | .64 | .60 | .06 | | | | | .07 | .09 | . |
| SUSSEX 1 SE | 3.63 | | .04 | .02 | | .33 | .73 | | | | | .09 | | | | | .06 | .47 | .01 | .33 | .23 | | .37 | .66 | .06 | .02 | | | | .15 | .06 | . |
| WANAQUE RAYMOND DAM | 3.13 | | | T | | .28 | .32 | | | | | .04 | | | | | .06 | .38 | | .34 | .28 | | .45 | .88 | .04 | | | | | .02 | .04 | . |
| WERTSVILLE | 2.81 | | | | | .20 | .29 | | | | | .31 | | | | | .19 | .29 | T | T | .77 | T | .33 | .32 | .01 | | | | | .06 | .04 | . |
| WEST WHARTON | 3.92 | | | .16 | | .26 | .46 | | | | | .31 | | | | | .04 | .77 | | .30 | .24 | | .38 | .84 | .05 | T | | | | .04 | .07 | . |
| WOODCLIFF LAKE | 3.16 | | | | | .60 | | | | | .19 | | | | | | .48 | | .15 | .27 | | | 1.34 | | .06 | | | | .07 | | | . |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 3.55 | | T | | .03 | .44 | .17 | | | | .24 | | | | | T | .23 | | .49 | .56 | .01 | | 1.24 | | | | | | | .14 | T | . |
| AUDUBON | 1.98 | | .09 | | T | .10 | .17 | | | | .10 | | | | | .08 | .36 | T | .33 | .17 | | | .50 | T | T | | | | T | .08 | | . |
| BASS RIVER ST FOREST | 2.99 | | | .03 | | .12 | .38 | | | | | .22 | | | | | .03 | .25 | | .63 | .12 | | | 1.10 | .01 | | | | | | .10 | . |
| BELLEPLAIN ST FOREST | 4.46 | | .04 | | | .23 | .55 | | | | | .29 | | | | | .13 | .18 | T | .46 | 1.03 | | 1.36 | | | | | | | .19 | T | . |
| BURLINGTON | 2.04 | | .03 | | | .12 | .12 | | | | .35 | | | | | | .27 | .05 | .02 | .44 | | | .59 | .05 | | | | | | T | T | . |
| CANTON | 2.53 | | | | | .04 | | | | | | .72 | | | | | .08 | .69 | | .33 | | | .30 | | .27 | | | | | | .10 | . |
| CHATSWORTH | 2.61 | | .06 | | | .12 | .23 | | | | | .21 | | | | | .15 | .32 | | .50 | | | .97 | | | | | | | .05 | | . |
| FORTESCUE | 3.62 | | | | | | .65 | | | | | .28 | | | | | .10 | | | .70 | 1.01 | | .41 | .32 | | | | | | .15 | | . |
| FREEHOLD | 2.70 | | | .03 | | .16 | .20 | | | | | .15 | | | | | .12 | .20 | | .50 | .11 | | .39 | .78 | .03 | | | | | .03 | T | . |
| GLASSBORO | 2.27 | | | .01 | | T | .18 | | | | | .55 | | | | T | .63 | T | | .38 | | .27 | .25 | | T | | | | | | T | . |
| HAMMONTON 2 NNE | 2.53 | | | .04 | | .01 | .51 | .01 | | | | .17 | | | | | .05 | .39 | | .56 | .04 | | .48 | .26 | .01 | | | | | | | . |
| HIGHTSTOWN 1 N | 2.25 | | .02 | | | .45 | .08 | | | | | .13 | | | | .01 | .26 | .03 | .23 | .17 | | | .72 | .12 | .01 | | | | | .01 | .01 | . |
| INDIAN MILLS 2 W | 2.08 | | .05 | | | .11 | .08 | | | | T | .15 | | | | | .45 | .04 | .23 | .13 | .02 | | .76 | | T | | | | | .06 | T | . |
| MAYS LANDING 1 W | 2.90 | | | .03 | | .09 | .42 | | | | | .22 | | | | | .03 | .15 | | .44 | .27 | | .60 | .55 | | | | | | .10 | T | . |
| MILLVILLE | 2.81 | | | T | | .05 | .27 | | | | | .20 | | | | | .05 | .25 | | .52 | .28 | | .59 | .44 | | | | | | .12 | .04 | . |
| MILLVILLE FAA AIRPORT | 3.06 | | .02 | | .03 | .20 | .10 | | | | .41 | T | | | | T | .17 | | .60 | .38 | T | | 1.10 | | T | | | | T | .05 | T | . |
| MOORESTOWN | 1.87 | | | .02 | | | .11 | | | | | .48 | | | | | .15 | .20 | | | T | .38 | .34 | .16 | | | | | | .03 | T | . |
| NEW BRUNSWICK | 3.75 | | | T | | .34 | .20 | | | | T | .26 | | | | | .13 | .26 | T | 1.05 | .70 | | .37 | .33 | .09 | T | | | | .02 | T | . |
| PEMBERTON 3 E | 2.25 | | .07 | | | .11 | .06 | | | | | .30 | | | | | .31 | .22 | | .45 | | | .73 | | | | | | | | | . |
| PRINCETON WATER WORKS | 2.31 | T | | | | .28 | T | | | | .02 | | | | | .03 | .33 | T | .34 | .69 | | | .62 | T | | | | | | T | | . |
| SEABROOK FARMS | 2.78 | | | T | | .02 | .47 | | T | | | .27 | | | | | .08 | .50 | .01 | .46 | .03 | | .51 | .36 | T | | | | | .06 | .01 | . |
| SHILOH | 2.62 | | | | | .25 | .13 | | | | .04 | .13 | | | | | .43 | .10 | .29 | .21 | | | .95 | | | | | | | .09 | | . |
| TOMS RIVER | 3.03 | | | .09 | | .03 | .21 | | | | | .13 | | | | | .10 | .34 | | .72 | .12 | | .53 | .73 | .01 | | | | | .02 | | . |
| TRENTON WB CITY R | 2.23 | | .01 | | | .36 | .01 | | | | .15 | | | | | .02 | .27 | .01 | .32 | .22 | | | .60 | .22 | T | | | | .01 | T | .03 | . |
| TUCKERTON | 3.10 | | T | | T | .18 | .12 | | | | .03 | .07 | | | | T | .20 | .16 | .50 | .18 | .11 | | 1.44 | T | | | | | | .10 | .01 | . |
| WOODSTOWN | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 3.76 | | | | | .42 | .18 | | | | .14 | | | | | | .39 | | .42 | .82 | | | 1.24 | | | | | | | .15 | | . |
| BELMAR 2 SW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| CAPE MAY 1 NW | 3.22 | | | .03 | | .02 | .84 | T | | | | .19 | | | | | .07 | .37 | T | .28 | .43 | | .20 | .68 | T | | | | | .01 | .10 | . |
| LONG BRANCH 2S | 2.79 | | .01 | | | .11 | .09 | | | | T | .15 | | | | T | .25 | .03 | T | .64 | T | | 1.46 | .02 | .01 | | | | | .01 | .01 | . |

## SUPPLEMENTAL DATA

| Station | Wind (Speed - m.p.h.) | | | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | EASTERN STANDARD TIME 1 AM | 7 AM | 1 PM | 7 PM | Trace | .01–.09 | .10–.49 | .50–.99 | 1.00–1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 21 | 5.9 | 12.5 | 37++ | 22 | 10 | 82 | 78 | 51 | 70 | 3 | 2 | 6 | 1 | 1 | 0 | 13 | 49 | 5.8 |
| ATLANTIC CITY ST. MARINA | - | - | - | 39 | SSW | 28+ | - | - | - | - | 0 | 0 | 6 | 1 | 1 | 0 | 8 | - | - |
| NEWARK WB AIRPORT | 22 | 3.6 | 11.1 | 32++ | 21 | 10 | 67 | 67 | 50 | 56 | 4 | 5 | 4 | 1 | 1 | 0 | 15 | - | 5.7 |
| TRENTON WB CITY | - | - | - | 34 | SW | 10 | - | - | - | - | 2 | 6 | 6 | 1 | 0 | 0 | 15 | 61 | 5.8 |

See reference notes following Station Index.

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 39 | 51 | 55 | 49 | 61 | 60 | 59 | 69 | 72 | 70 | 70 | 62 | 60 | 64 | 65 | 65 | 62 | 74 | 67 | 57 | 62 | 64 | 51 | 57 | 54 | 70 | 76 | 85 | 81 | 68 | | 63.3 |
| | MIN | 16 | 20 | 25 | 26 | 35 | 43 | 26 | 28 | 34 | 40 | 41 | 29 | 28 | 31 | 34 | 45 | 56 | 49 | 44 | 36 | 30 | 34 | 41 | 40 | 32 | 38 | 40 | 47 | 51 | 44 | | 36.1 |
| BOONTON 1 SE | MAX | 36 | 50 | 57 | 55 | 61 | 60 | 60 | 67 | 70 | 65 | 67 | 60 | 61 | 63 | 67 | 66 | 62 | 73 | 68 | 55 | 62 | 60 | 51 | 56 | 51 | 67 | 75 | 83 | 81 | 68 | | 62.6 |
| | MIN | 17 | 18 | 27 | 27 | 37 | 45 | 29 | 39 | 34 | 41 | 44 | 30 | 28 | 32 | 35 | 50 | 55 | 54 | 54 | 34 | 31 | 40 | 43 | 40 | 40 | 48 | 47 | 51 | 53 | 46 | | 39.0 |
| CANOE BROOK | MAX | 38 | 52 | 59 | 54 | 62 | 63 | 58 | 68 | 70 | 63 | 67 | 62 | 59 | 64 | 67 | 67 | 65 | 75 | 69 | 55 | 58 | 60 | 56 | 59 | 51 | 69 | 78 | 86 | 82 | 67 | | 63.4 |
| | MIN | 27 | 25 | 28 | 27 | 36 | 44 | 28 | 34 | 34 | 43 | 43 | 29 | 28 | 32 | 37 | 52 | 55 | 55 | 54 | 37 | 34 | 40 | 44 | 39 | 34 | 41 | 41 | 47 | 54 | 46 | | 38.9 |
| CHARLOTTEBURG | MAX | 32 | 49 | 56 | 54 | 61 | 60 | 58 | 67 | 69 | 63 | 65 | 57 | 58 | 62 | 67 | 66 | 59 | 75 | 66 | 48 | 58 | 59 | 49 | 54 | 47 | 61 | 73 | 83 | 81 | 65 | | 60.7 |
| | MIN | 13 | 18 | 26 | 26 | 33 | 42 | 27 | 33 | 32 | 36 | 41 | 29 | 27 | 35 | 34 | 44 | 53 | 52 | 46 | 32 | 29 | 35 | 41 | 38 | 34 | 39 | 39 | 41 | 49 | 43 | | 35.6 |
| CRANFORD | MAX | 54 | 61 | 56 | 62 | 63 | 62 | 69 | 70 | 63 | 70 | 66 | 60 | 62 | 66 | 69 | 67 | 74 | 74 | 66 | 60 | 60 | 56 | 61 | 58 | 69 | 78 | 86 | 85 | 83 | 66 | | 66.5 |
| | MIN | 19 | 43 | 30 | 28 | 50 | 46 | 28 | 37 | 35 | 42 | 45 | 33 | 29 | 32 | 38 | 55 | 57 | 55 | 50 | 37 | 33 | 48 | 42 | 41 | 33 | 48 | 43 | 59 | 55 | 47 | | 41.3 |
| ELIZABETH | MAX | 54 | 63 | 57 | 62 | 64 | 62 | 68 | 72 | 63 | 71 | 68 | 60 | 63 | 66 | 68 | 65 | 74 | 73 | 67 | 60 | 60 | 55 | 60 | 58 | 70 | 80 | 87 | 85 | 79 | 65 | | 66.6 |
| | MIN | 23 | 42 | 31 | 31 | 49 | 47 | 31 | 43 | 39 | 48 | 46 | 36 | 33 | 34 | 40 | 55 | 57 | 55 | 49 | 37 | 36 | 47 | 44 | 42 | 37 | 46 | 47 | 58 | 65 | 59 | | 43.6 |
| ESSEX FELLS SERV BLDG | MAX | 39 | 56 | 59 | 55 | 62 | 62 | 60 | 71 | 68 | 64 | 68 | 64 | 61 | 63 | 69 | 67 | 64 | 77 | 68 | 51 | 61 | 59 | 52 | 60 | 59 | 71 | 78 | 87 | 85 | 67 | | 64.2 |
| | MIN | 18 | 38 | 27 | 30 | 47 | 45 | 29 | 38 | 35 | 46 | 44 | 30 | 30 | 34 | 39 | 54 | 56 | 55 | 45 | 35 | 33 | 45 | 42 | 40 | 34 | 44 | 45 | 57 | 53 | 45 | | 40.4 |
| FLEMINGTON 1 NE | MAX | 37 | 54 | 61 | 54 | 62 | 63 | 60 | 68 | 71 | 69 | 70 | 60 | 59 | 63 | 67 | 68 | 63 | 73 | 72 | 68 | 61 | 63 | 53 | 55 | 52 | 63 | 76 | 85 | 82 | 68 | | 64.0 |
| | MIN | 14 | 25 | 28 | 24 | 29 | 45 | 25 | 33 | 35 | 43 | 45 | 31 | 26 | 28 | 35 | 38 | 57 | 50 | 58 | 32 | 32 | 42 | 48 | 47 | 32 | 40 | 48 | 57 | 54 | 47 | | 38.3 |
| HIGH POINT PARK | MAX | 33 | 47 | | 55 | 58 | 54 | 56 | 61 | 68 | 60 | | 62 | 59 | 60 | 64 | 65 | | 58 | 58 | 68 | | | 56 | | | 62 | | 80 | 79 | 60 | | 60.1 |
| | MIN | 10 | 23 | | | 32 | 34 | 25 | 39 | 32 | | | 32 | 21 | 33 | 38 | 46 | | 36 | 36 | | | | 33 | | | 35 | 39 | 46 | | | | |
| JERSEY CITY | MAX | 44 | 61 | 48 | 53 | 63 | 58 | 68 | 67 | 57 | 70 | 62 | 54 | 56 | 59 | 65 | 60 | 72 | 60 | 60 | 58 | 52 | 52 | 59 | 50 | 69 | 77 | 82 | 82 | 67 | 59 | | 61.5 |
| | MIN | 28 | 42 | 35 | 38 | 46 | 47 | 41 | 46 | 42 | 46 | 47 | 40 | 41 | 41 | 49 | 54 | 56 | 54 | 41 | 40 | 44 | 48 | 41 | 44 | 42 | 54 | 55 | 63 | 57 | 49 | | 45.7 |
| LAMBERTVILLE | MAX | 52 | 63 | 56 | 60 | 64 | 61 | 68 | 73 | 70 | 72 | 63 | 61 | 64 | 67 | 68 | 62 | 74 | 73 | 68 | 62 | 64 | 56 | 57 | 52 | 70 | 77 | 86 | 83 | 79 | 65 | | 66.3 |
| | MIN | 19 | 44 | 28 | 28 | 48 | 46 | 28 | 35 | 35 | 36 | 45 | 30 | 29 | 32 | 39 | 54 | 58 | 55 | 52 | 36 | 39 | 46 | 44 | 43 | 33 | 41 | 44 | 59 | 55 | 48 | | 41.0 |
| LAYTON 2 | MAX | 34 | 50 | 59 | 55 | 65 | 59 | 58 | 69 | 71 | 69 | 60 | 59 | 61 | 66 | 70 | 66 | 60 | 77 | 64 | 51 | 51 | 65 | 50 | 51 | 49 | 68 | 75 | 85 | 85 | 65 | | 62.2 |
| | MIN | 12 | 18 | 22 | 23 | 29 | 42 | 22 | 28 | 29 | 37 | 42 | 24 | 25 | 28 | 29 | 42 | 50 | 52 | 46 | 35 | 27 | 33 | 42 | 38 | 29 | 33 | 35 | 45 | 44 | 44 | | 33.5 |
| LITTLE FALLS | MAX | 43 | 54 | 61 | 55 | 63 | 65 | 60 | 70 | 68 | 62 | 71 | 61 | 60 | 63 | 68 | 68 | 65 | 76 | 67 | 52 | 60 | 60 | 56 | 61 | 52 | 71 | 78 | 86 | 84 | 69 | | 64.3 |
| | MIN | 20 | 33 | 29 | 32 | 46 | 45 | 30 | 39 | 38 | 44 | 45 | 35 | 33 | 32 | 41 | 55 | 57 | 56 | 49 | 36 | 35 | 46 | 44 | 43 | 41 | 46 | 46 | 60 | 54 | 47 | | 41.9 |
| LONG VALLEY | MAX | 35 | 50 | 57 | 54 | 61 | 61 | 58 | 68 | 70 | 67 | 66 | 58 | 59 | 61 | 63 | 65 | 58 | 72 | 65 | 62 | 59 | 60 | 50 | 53 | 48 | 68 | 73 | 83 | 80 | 65 | | 61.6 |
| | MIN | 14 | 16 | 26 | 24 | 44 | 42 | 26 | 26 | 32 | 32 | 41 | 31 | 23 | 28 | 30 | 32 | 54 | 51 | 55 | 33 | 29 | 33 | 41 | 40 | 30 | 35 | 38 | 40 | 49 | 45 | | 34.7 |
| MORRIS PLAINS 1 W | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWARK WB AIRPORT | MAX | 53 | 64 | 51 | 59 | 65 | 60 | 70 | 68 | 60 | 74 | 64 | 55 | 59 | 65 | 68 | 64 | 75 | 63 | 67 | 60 | 56 | 52 | 59 | 52 | 70 | 77 | 88 | 85 | 70 | 60 | | 64.4 |
| | MIN | 28 | 41 | 34 | 36 | 51 | 46 | 39 | 44 | 39 | 53 | 47 | 39 | 38 | 39 | 45 | 55 | 58 | 52 | 42 | 38 | 41 | 45 | 44 | 43 | 39 | 50 | 52 | 60 | 56 | 48 | | 44.7 |
| NEWTON | MAX | 35 | 52 | 56 | 57 | 61 | 60 | 58 | 70 | 72 | 68 | 63 | 59 | 60 | 65 | 69 | 66 | 61 | 77 | 67 | 50 | 61 | 63 | 51 | 53 | 48 | 69 | 75 | 85 | 84 | 66 | | 62.7 |
| | MIN | 20 | 28 | 27 | 27 | 33 | 40 | 25 | 31 | 31 | 44 | 42 | 28 | 26 | 30 | 31 | 52 | 55 | 52 | 42 | 35 | 28 | 38 | 41 | 40 | 32 | 41 | 38 | 37 | 48 | 39 | | 36.0 |
| PATERSON | MAX | 37 | 57 | 62 | 55 | 64 | 65 | 59 | 70 | 70 | 64 | 71 | 62 | 65 | 63 | 60 | 72 | 65 | 77 | 66 | 52 | 59 | 62 | 56 | 61 | 53 | 70 | 77 | 88 | 87 | 72 | | 64.7 |
| | MIN | 24 | 24 | 32 | 35 | 38 | 46 | 37 | 47 | 40 | 46 | 46 | 37 | 35 | 40 | 39 | 52 | 57 | 56 | 51 | 37 | 37 | 45 | 40 | 45 | 40 | 43 | 51 | 60 | 55 | 47 | | 42.7 |
| PHILLIPSBURG | MAX | 54 | 61 | 57 | 63 | 63 | 62 | 70 | 74 | 73 | 73 | 66 | 61 | 65 | 68 | 67 | 63 | 77 | 77 | 68 | 63 | 65 | 64 | 55 | 53 | 71 | 78 | 86 | 88 | 83 | 66 | | 67.8 |
| | MIN | 19 | 43 | 28 | 29 | 47 | 42 | 28 | 34 | 38 | 53 | 44 | 32 | 30 | 32 | 37 | 53 | 56 | 55 | 49 | 38 | 35 | 45 | 43 | 42 | 34 | 39 | 41 | 52 | 52 | 46 | | 40.5 |
| PLAINFIELD | MAX | 54 | 62 | 55 | 63 | 64 | 62 | 70 | 73 | 66 | 71 | 64 | 61 | 65 | 67 | 71 | 65 | 75 | 69 | 66 | 62 | 63 | 53 | 62 | 53 | 71 | 78 | 88 | 86 | 72 | 61 | | 66.4 |
| | MIN | 20 | 41 | 29 | 30 | 49 | 47 | 30 | 38 | 38 | 49 | 45 | 32 | 31 | 33 | 39 | 55 | 58 | 54 | 60 | 38 | 35 | 45 | 41 | 43 | 35 | 42 | 45 | 53 | 55 | 49 | | 42.0 |
| SOMERVILLE | MAX | 53 | 62 | 55 | 63 | 64 | 61 | 69 | 73 | 70 | 70 | 63 | 60 | 64 | 67 | 69 | 64 | 76 | 73 | 69 | 62 | 64 | 54 | 59 | 53 | 67 | 77 | 86 | 84 | 79 | 66 | | 66.5 |
| | MIN | 17 | 41 | 29 | 28 | 48 | 46 | 28 | 34 | 36 | 49 | 45 | 32 | 28 | 31 | 38 | 54 | 56 | 55 | 48 | 36 | 37 | 44 | 43 | 43 | 31 | 41 | 37 | 50 | 50 | 48 | | 40.1 |
| SUSSEX 1 SE | MAX | 34 | 49 | 55 | 55 | 62 | 62 | 59 | 68 | 69 | 65 | 63 | 59 | 58 | 63 | 67 | 65 | 61 | 70 | 65 | 41 | 58 | 58 | 53 | 53 | 49 | 61 | 75 | 83 | 82 | 65 | | 60.9 |
| | MIN | 13 | 18 | 22 | 26 | 32 | 38 | 23 | 29 | 30 | 37 | 40 | 23 | 24 | 28 | 29 | 36 | 51 | 52 | 39 | 31 | 26 | 39 | 39 | 39 | 30 | 36 | 36 | 40 | 45 | 42 | | 33.1 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 49 | 77 | 48 | 56 | 77 | 61 | 69 | 75 | 62 | 77 | 65 | 56 | 58 | 63 | 68 | 69 | 82 | 68 | 81 | 55 | 58 | 54 | 62 | 56 | 71 | 80 | 94 | 85 | 67 | 59 | | 66.7 |
| | MIN | 12 | 46 | 31 | 27 | 52 | 34 | 29 | 39 | 36 | 53 | 37 | 33 | 23 | 30 | 42 | 55 | 56 | 54 | 44 | 37 | 32 | 44 | 44 | 40 | 33 | 47 | 50 | 56 | 49 | 46 | | 40.4 |
| AUDUBON | MAX | 55 | 65 | 56 | 63 | 67 | 63 | 70 | 74 | 74 | 73 | 64 | 63 | 66 | 68 | 71 | 66 | 72 | 74 | 72 | 61 | 65 | 55 | 62 | 54 | 70 | 77 | 87 | 83 | 71 | 60 | | 67.4 |
| | MIN | 23 | 46 | 34 | 33 | 50 | 43 | 33 | 40 | 41 | 57 | 50 | 39 | 33 | 37 | 44 | 55 | 59 | 55 | 53 | 40 | 38 | 47 | 40 | 44 | 39 | 47 | 46 | 59 | 56 | 51 | | 44.4 |
| BELLEPLAIN ST FOREST | MAX | 51 | 70 | 63 | 56 | 71 | 62 | 66 | 72 | 68 | 73 | 66 | 59 | 60 | 63 | 70 | 68 | 76 | 74 | 78 | 58 | 61 | 56 | 62 | 59 | 70 | 78 | 88 | 85 | 79 | 66 | | 67.6 |
| | MIN | 18 | 40 | 30 | 27 | 46 | 48 | 23 | 34 | 38 | 52 | 47 | 32 | 26 | 28 | 40 | 53 | 55 | 55 | 57 | 41 | 31 | 47 | 43 | 38 | 32 | 38 | 47 | 59 | 57 | 50 | | 41.1 |
| BURLINGTON | MAX | 56 | 66 | 57 | 71 | 68 | 64 | 62 | 64 | 70 | 76 | 67 | 62 | 60 | 69 | 70 | 66 | 74 | 76 | 69 | 66 | 68 | 58 | 60 | 54 | 70 | 78 | 83 | 80 | 80 | 71 | | 67.8 |
| | MIN | 24 | 48 | 32 | 33 | 47 | 40 | 33 | 44 | 40 | 38 | 49 | 38 | 32 | 32 | 44 | 58 | 59 | 55 | 53 | 42 | 30 | 52 | 46 | 43 | | 46 | 48 | 74 | 57 | 56 | | 44.6 |
| CHATSWORTH | MAX | 51 | 69 | 57 | 61 | 70 | 63 | 68 | 73 | 67 | 73 | 67 | 62 | 63 | 69 | | 71 | 78 | 75 | | 54 | 63 | 53 | 61 | 60 | 69 | 77 | 88 | 87 | 81 | | | 67.8 |
| | MIN | 15 | 37 | 30 | 28 | 45 | 48 | 26 | 34 | 33 | | 47 | 32 | 25 | 29 | 36 | 50 | 56 | 54 | | 39 | 32 | 45 | 40 | 40 | 31 | 39 | 46 | 47 | 56 | | | 38.5 |
| FREEHOLD | MAX | 38 | 57 | 66 | 50 | 62 | 69 | 54 | 67 | 68 | 64 | 72 | 61 | 55 | 62 | 67 | 69 | 67 | 73 | 72 | 67 | 56 | 60 | 51 | 61 | 51 | 68 | 76 | 87 | 85 | 70 | | 64.2 |
| | MIN | 20 | 34 | 31 | 30 | 37 | 49 | 33 | 42 | 36 | 45 | 47 | 32 | 27 | 29 | 39 | 53 | 56 | 53 | 56 | 37 | 33 | 45 | 41 | 43 | 37 | 46 | 44 | 58 | 55 | 48 | | 41.2 |
| GLASSBORO | MAX | 39 | 57 | 68 | 58 | 60 | 68 | 57 | 68 | 73 | 71 | 74 | 62 | 60 | 64 | 66 | 68 | 66 | 74 | 74 | 75 | 61 | 63 | 55 | 61 | 55 | 70 | 76 | 88 | 82 | 70 | | 66.1 |
| | MIN | 23 | 35 | 33 | 34 | 47 | 47 | 32 | 39 | 39 | 45 | 49 | 35 | 27 | 34 | 45 | 54 | 58 | 55 | 56 | 40 | 38 | 46 | 42 | 42 | 38 | 52 | 58 | 58 | 56 | 54 | | 43.7 |
| HAMMONTON 2 NNE | MAX | 44 | 58 | 69 | 58 | 62 | 69 | 55 | 70 | 75 | 69 | 74 | 63 | 65 | 64 | 69 | 71 | 68 | 78 | 76 | 78 | 59 | 65 | 54 | 62 | 56 | 72 | 86 | 90 | 84 | 70 | | 67.8 |
| | MIN | 23 | 37 | 31 | 31 | 42 | 48 | 33 | 40 | 39 | 50 | 50 | 35 | 30 | 34 | 42 | 54 | 57 | 55 | 59 | 39 | 38 | 47 | 43 | 42 | 37 | 49 | 47 | 60 | 56 | 49 | | 43.2 |
| HIGHTSTOWN 1 N | MAX | 52 | 64 | 54 | 63 | 67 | 63 | 67 | 71 | 68 | 71 | 64 | 58 | 63 | 65 | 71 | 69 | 73 | 72 | 66 | 60 | 65 | 53 | 61 | 52 | 69 | 75 | 85 | 83 | 73 | 64 | | 66.0 |
| | MIN | 20 | 41 | 30 | 31 | 47 | 47 | 31 | 38 | 38 | 54 | 47 | 34 | 29 | 33 | 41 | 54 | 57 | 53 | 48 | 37 | 37 | 44 | 41 | 43 | 37 | 47 | 45 | 57 | 56 | 49 | | 42.2 |
| INDIAN MILLS 2 W | MAX | 51 | 68 | 56 | 60 | 69 | 62 | 67 | 72 | 69 | 73 | 66 | 59 | 64 | 68 | 71 | 68 | 75 | 75 | 74 | 60 | 63 | 53 | 62 | 52 | 69 | 76 | 88 | 82 | 71 | 60 | | 66.8 |
| | MIN | 15 | 43 | 30 | 28 | 46 | 47 | 25 | 34 | 34 | 53 | 45 | 35 | 25 | 27 | 39 | 53 | 57 | 55 | 49 | 38 | 32 | 46 | 41 | 42 | 35 | 47 | 41 | 59 | 56 | 46 | | 40.8 |
| MILLVILLE | MAX | 43 | 60 | 70 | 56 | 58 | 69 | 55 | 66 | 75 | 69 | 75 | 63 | 62 | 64 | 66 | 70 | 69 | 76 | 75 | 79 | 61 | 63 | 55 | 62 | 55 | 70 | 77 | 88 | 83 | 72 | | 66.9 |
| | MIN | 19 | 21 | 30 | 31 | 43 | 48 | 31 | 37 | 40 | 49 | 48 | 35 | 28 | 32 | 44 | 54 | 57 | 54 | 58 | 40 | 37 | 46 | 43 | 42 | 38 | 42 | 44 | 58 | 56 | 48 | | 41.8 |
| MILLVILLE FAA AIRPORT | MAX | 49 | 71 | 54 | 54 | 68 | 60 | 66 | 73 | 66 | 72 | 61 | 58 | 60 | 63 | 68 | 66 | 74 | 71 | 76 | 59 | 60 | 53 | 60 | 53 | 69 | 76 | 86 | 80 | 68 | 56 | | 65.0 |
| | MIN | 20 | 46 | 33 | 31 | 50 | 36 | 30 | 37 | 41 | 51 | 38 | 34 | 29 | 32 | 44 | 54 | 55 | 54 | 46 | 39 | 36 | 47 | 44 | 42 | 39 | 43 | 45 | 60 | 51 | 49 | | 41.9 |
| MOORESTOWN | MAX | 64 | 64 | 53 | 58 | 63 | 59 | 68 | 71 | 70 | 70 | 58 | 57 | 61 | 66 | 68 | 66 | 73 | 72 | 63 | 57 | 62 | 53 | 57 | 51 | 68 | 75 | 85 | 79 | 67 | 68 | | 64.9 |
| | MIN | 24 | 42 | 31 | 31 | 48 | 37 | 31 | 38 | 39 | 57 | 46 | 35 | 30 | 30 | 42 | 53 | 58 | 54 | 44 | 38 | 35 | 44 | 42 | 42 | 36 | 48 | 44 | 44 | 55 | 38 | | 41.2 |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | MAX | 38 | 55 | 63 | 54 | 62 | 65 | 60 | 67 | 69 | 67 | 70 | 63 | 61 | 63 | 66 | 68 | 67 | 73 | 72 | 55 | 60 | 63 | 53 | 59 | 52 | 73 | 75 | 85 | 82 | 69 | | 64.3 |
| | MIN | 22 | 34 | 32 | 32 | 48 | 47 | 35 | 43 | 39 | 39 | 47 | 36 | 31 | 35 | 43 | 53 | 57 | 54 | 52 | 37 | 39 | 42 | 44 | 42 | 39 | 49 | 49 | 59 | 55 | 47 | | 42.7 |
| PEMBERTON 3 E | MAX | 53 | 67 | 57 | 63 | 70 | 62 | 68 | 72 | 67 | 72 | 65 | 59 | 64 | 69 | 72 | 67 | 76 | 74 | 69 | 60 | 65 | 53 | 61 | 53 | 69 | 77 | 86 | 84 | 73 | 56 | | 66.8 |
| | MIN | 18 | 42 | 30 | 28 | 45 | 47 | 28 | 34 | 38 | 52 | 44 | 34 | 29 | 29 | 38 | 53 | 57 | 54 | 52 | 38 | 32 | 45 | 41 | 43 | 32 | 39 | 42 | 58 | 55 | 48 | | 40.8 |
| SEABROOK FARMS | MAX | 40 | 57 | 69 | 55 | 57 | 67 | 55 | 66 | 72 | 69 | 74 | 61 | 60 | 61 | 63 | 66 | 65 | 73 | 73 | 75 | 59 | 60 | 54 | 60 | 53 | 68 | 75 | 86 | 81 | 70 | | 64.8 |
| | MIN | 22 | 38 | 31 | 32 | 43 | 49 | 31 | 37 | 41 | 55 | 47 | 36 | 30 | 34 | 43 | 55 | 58 | 55 | 57 | 42 | 41 | 47 | 45 | 40 | 38 | 46 | 45 | 58 | 57 | 51 | | 43.5 |
| SHILOH | MAX | 50 | 68 | 65 | 52 | 67 | 61 | 66 | 73 | 67 | 72 | 65 | 60 | 59 | 62 | 64 | 66 | 73 | 71 | 75 | 59 | 59 | 53 | 59 | 54 | 68 | 75 | 83 | 81 | 77 | 69 | | 65.7 |
| | MIN | 24 | 43 | 30 | 30 | 45 | 44 | 32 | 39 | 40 | 54 | 47 | 34 | 32 | 34 | 44 | 53 | 56 | 54 | 54 | 41 | 38 | 47 | 43 | 41 | 39 | 49 | 47 | 57 | 56 | 48 | | 43.2 |
| TOMS RIVER | MAX | 39 | 61 | 72 | 47 | 59 | 72 | 52 | 68 | 68 | 63 | 74 | 63 | 54 | 58 | 63 | 68 | 69 | 76 | 72 | 73 | 54 | 62 | 52 | 62 | 54 | 69 | 76 | 88 | 85 | 67 | | 64.7 |
| | MIN | 17 | 32 | 30 | 27 | 32 | 49 | 29 | 36 | 38 | 48 | 48 | 33 | 28 | 30 | 37 | 53 | 56 | 54 | 57 | 35 | 34 | 47 | 41 | 42 | 34 | 44 | 43 | 55 | 56 | 48 | | 40.4 |
| TRENTON WB CITY | MAX | 50 | 63 | 54 | 60 | 66 | 58 | 67 | 70 | 68 | 70 | 61 | 59 | 63 | 66 | 68 | 67 | 71 | 74 | 67 | 59 | 62 | 52 | 58 | 52 | 69 | 75 | 85 | 81 | 69 | 57 | | 64.7 |
| | MIN | 26 | 42 | 34 | 36 | 51 | 46 | 39 | 47 | 41 | 56 | 47 | 39 | 38 | 41 | 48 | 55 | 59 | 55 | 45 | 41 | 42 | 46 | 46 | 44 | 41 | 52 | 53 | 60 | 56 | 48 | | 45.8 |
| TUCKERTON | MAX | 47 | 72 | 57 | 52 | 70 | 60 | 68 | 67 | 58 | 65 | 62 | 53 | 56 | 59 | 64 | 63 | 73 | 61 | 66 | 51 | 55 | 52 | 60 | 55 | 69 | 77 | 80 | 71 | 65 | 56 | | 62.1 |
| | MIN | 17 | 41 | 30 | 27 | 45 | 44 | 29 | 38 | 36 | 50 | 49 | 35 | 28 | 29 | 40 | 52 | 53 | 52 | 46 | 40 | 30 | 47 | 41 | 42 | 36 | 50 | 48 | 55 | 55 | 45 | | 41.0 |
| WOODSTOWN | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 47 | 66 | 45 | 49 | 61 | 57 | 61 | 66 | 55 | 60 | 61 | 53 | 52 | 55 | 60 | 59 | 67 | 58 | 59 | 50 | 52 | 55 | 58 | 56 | 69 | 77 | 68 | 63 | 63 | 56 | | 58.6 |
| | MIN | 32 | 45 | 36 | 41 | 48 | 44 | 40 | 45 | 46 | 53 | 47 | 43 | 41 | 44 | 50 | 54 | 53 | 51 | 46 | 44 | 45 | 50 | 51 | 46 | 45 | 52 | 55 | 56 | 53 | 50 | | 46.9 |
| CAPE MAY 1 NW | MAX | 41 | 56 | 72 | 47 | 58 | 67 | 53 | 60 | 64 | 61 | 66 | 58 | 52 | 52 | 55 | 60 | 60 | 66 | 60 | 72 | 50 | 54 | 55 | 58 | 54 | 65 | 74 | 73 | 73 | 63 | | 60.0 |
| | MIN | 25 | 40 | 36 | 37 | 44 | 49 | 33 | 43 | 43 | 49 | 52 | 39 | 34 | 36 | 44 | 51 | 51 | 49 | 51 | 42 | 39 | 47 | 46 | 41 | 39 | 47 | 52 | 54 | 57 | 49 | | 44.0 |
| LONG BRANCH 25 | MAX | 46 | 71 | 55 | 54 | 71 | 55 | 67 | 65 | 56 | 71 | 66 | 57 | 52 | 60 | 62 | 63 | 70 | 62 | 64 | 52 | 54 | 50 | 61 | 52 | 68 | 79 | 83 | 78 | 67 | 58 | | 62.3 |
| | MIN | 22 | 40 | 33 | 30 | 45 | 47 | 33 | 42 | 39 | 47 | 48 | 40 | 31 | 34 | 43 | 52 | 52 | 49 | 47 | 41 | 34 | 45 | 43 | 43 | 38 | 49 | 49 | 58 | 57 | 49 | | 42.7 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 52 | 53 | 62 | 61 | 56 | 59 | 64 | 69 | 64 | 63 | 56 | 65 | 67 | 62 | 63 | 60 | 66 | 65 | 62 | 64 | 64 | 55 | 59 | 53 | 59 | 63 | 68 | 69 | 67 | 60 | | 62.1 |
| | | MIN | 34 | 42 | 37 | 41 | 50 | 47 | 42 | 46 | 46 | 53 | 50 | 45 | 44 | 45 | 48 | 55 | 58 | 59 | 55 | 50 | 50 | 52 | 50 | 49 | 47 | 52 | 53 | 57 | 59 | 56 | | 49.1 |
| | 2 | MAX | 47 | 50 | 55 | 55 | 55 | 56 | 57 | 62 | 60 | 56 | 60 | 60 | 61 | 59 | 60 | 59 | 64 | 63 | 61 | 61 | 61 | 56 | 56 | 53 | 56 | 58 | 64 | 66 | 64 | 59 | | 58.5 |
| | | MIN | 36 | 42 | 38 | 43 | 49 | 49 | 45 | 47 | 47 | 54 | 52 | 46 | 46 | 47 | 49 | 55 | 58 | 58 | 56 | 52 | 52 | 54 | 51 | 50 | 48 | 52 | 53 | 57 | 59 | 57 | | 50.1 |
| | 4 | MAX | 45 | 49 | 52 | 51 | 54 | 54 | 55 | 58 | 57 | 57 | 59 | 58 | 59 | 57 | 57 | 58 | 62 | 61 | 60 | 59 | 59 | 56 | 56 | 53 | 55 | 59 | 62 | 64 | 63 | 59 | | 56.9 |
| | | MIN | 37 | 42 | 42 | 44 | 48 | 50 | 46 | 48 | 49 | 54 | 54 | 49 | 53 | 46 | 50 | 55 | 57 | 58 | 57 | 53 | 53 | 54 | 52 | 51 | 49 | 52 | 54 | 57 | 59 | 57 | | 51.1 |
| | 8 | MAX | 43 | 46 | 48 | 48 | 51 | 51 | 51 | 53 | 53 | 54 | 55 | 54 | 55 | 53 | 54 | 56 | 58 | 58 | 59 | 57 | 56 | 56 | 55 | 54 | 53 | 55 | 58 | 60 | 60 | 58 | | 54.1 |
| | | MIN | 40 | 42 | 42 | 43 | 49 | 50 | 48 | 49 | 50 | 51 | 54 | 51 | 53 | 50 | 51 | 53 | 55 | 56 | 57 | 54 | 53 | 53 | 53 | 52 | 50 | 51 | 54 | 57 | 58 | 57 | | 51.2 |
| | 20 | MAX | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 48 | 49 | 50 | 50 | 50 | 50 | 50 | 50 | 52 | 52 | 53 | 54 | 54 | 54 | 53 | 53 | 53 | 52 | 51 | 52 | 54 | 55 | 55 | | 50.3 |
| | | MIN | 41 | 42 | 43 | 43 | 45 | 46 | 47 | 47 | 48 | 46 | 50 | 50 | 50 | 50 | 50 | 50 | 51 | 52 | 53 | 54 | 53 | 53 | 52 | 52 | 50 | 50 | 51 | 52 | 54 | 55 | | 49.4 |
| | 40 | MAX | 43 | 43 | 44 | 44 | 44 | 45 | 45 | 46 | 46 | 47 | 47 | 46 | 46 | 46 | 48 | 49 | 49 | 50 | 50 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 52 | | 48.2 |
| | | MIN | 42 | 43 | 43 | 43 | 43 | 44 | 45 | 45 | 45 | 46 | 47 | 47 | 47 | 47 | 48 | 48 | 49 | 49 | 50 | 50 | 51 | 50 | 50 | 50 | 48 | 50 | 50 | 50 | 51 | 51 | | 47.4 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 54 | 55 | 64 | 54 | 62 | 63 | 63 | 72 | 67 | 65 | 68 | 66 | 70 | 67 | 67 | 64 | 73 | 70 | 63 | 69 | 69 | 53 | 62 | 54 | 64 | 71 | 78 | 75 | 76 | 64 | | 65.8 |
| | | MIN | 35 | 42 | 36 | 38 | 50 | 46 | 39 | 43 | 44 | 51 | 46 | 40 | 39 | 40 | 45 | 55 | 58 | 60 | 51 | 45 | 45 | 50 | 46 | 49 | 41 | 49 | 51 | 54 | 58 | 52 | | 46.7 |
| | 2 | MAX | 52 | 54 | 62 | 61 | 50 | 60 | 67 | 70 | 65 | 63 | 64 | 66 | 68 | 64 | 65 | 63 | 71 | 69 | 63 | 67 | 66 | 53 | 60 | 53 | 61 | 68 | 75 | 77 | 72 | 62 | | 64.0 |
| | | MIN | 35 | 42 | 37 | 39 | 50 | 48 | 40 | 44 | 45 | 52 | 48 | 42 | 40 | 41 | 45 | 55 | 58 | 59 | 53 | 46 | 46 | 51 | 49 | 51 | 42 | 50 | 52 | 55 | 59 | 53 | | 47.6 |
| | 4 | MAX | 47 | 50 | 48 | 54 | 56 | 56 | 58 | 62 | 59 | 59 | 60 | 59 | 60 | 56 | 59 | 60 | 65 | 64 | 62 | 62 | 61 | 53 | 57 | 51 | 57 | 61 | 66 | 68 | 67 | 60 | | 58.6 |
| | | MIN | 36 | 43 | 40 | 42 | 49 | 51 | 44 | 47 | 47 | 53 | 52 | 46 | 44 | 45 | 46 | 55 | 57 | 58 | 56 | 50 | 49 | 52 | 49 | 49 | 45 | 50 | 53 | 50 | 60 | 55 | | 49.2 |
| | 8 | MAX | 44 | 47 | 54 | 49 | 52 | 52 | 52 | 54 | 54 | 55 | 55 | 54 | 54 | 53 | 54 | 57 | 60 | 59 | 58 | 58 | 57 | 54 | 54 | 53 | 53 | 56 | 58 | 60 | 61 | 60 | | 54.7 |
| | | MIN | 40 | 43 | 42 | 44 | 48 | 51 | 48 | 49 | 49 | 53 | 54 | 50 | 48 | 49 | 50 | 54 | 56 | 57 | 58 | 53 | 53 | 53 | 51 | 51 | 48 | 51 | 54 | 57 | 60 | 57 | | 51.0 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# EVAPORATION AND WIND

| Station | | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * NORTHERN | 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | | EVAP | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .12 | .16 | .03 | * | * | .16 | .19 | * | .08 | .10 | .28 | .20 | .29 | .34 | .13 | | - |
| | | WIND | 39 | 111 | 69 | 34 | 140 | 40 | 42 | 47 | 33 | 93 | 103 | 36 | 35 | 56 | 51 | 24 | 61 | 48 | 59 | 63 | 42 | 75 | 90 | 40 | 25 | 59 | 32 | 92 | 77 | 44 | | 1760 |
| | | MAX | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 68 | 69 | 64 | 76 | 78 | 72 | 67 | 64 | 52 | 52 | 46 | 53 | 53 | 58 | 57 | 57 | | - |
| | | MIN | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 47 | 49 | 56 | 58 | 58 | 40 | 40 | 45 | 44 | 46 | 40 | 42 | 53 | 51 | 57 | 51 | | - |
| * * * SOUTHERN | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | | EVAP | .12 | .18 | .06 | .15 | - | .11 | .14 | .23 | .18 | .19 | .22 | .26 | .17 | .18 | .16 | .10 | .03 | .11 | .24 | - | .19 | .17 | .01 | .11 | .10 | .37 | .22 | .33 | .34 | .17 | | 5.19B |
| | | WIND | 47 | 150 | 137 | 82 | 122 | 93 | 65 | 90 | 63 | 148 | 173 | 92 | 48 | 63 | 71 | 57 | 88 | 80 | 104 | 87 | 61 | 89 | 100 | 86 | 102 | 153 | 55 | 105 | 136 | 53 | | 2800 |
| | | MAX | - | 56 | 57 | 64 | 63 | 62 | 62 | 69 | 75 | 69 | 67 | 71 | 62 | 70 | 67 | 67 | 66 | 75 | 70 | 64 | 70 | 71 | 52 | 61 | 52 | 71 | 75 | 81 | 82 | 75 | | 67.1 |
| | | MIN | - | 39 | 38 | 38 | 49 | 48 | 39 | 42 | 44 | 45 | 49 | 40 | 39 | 39 | 41 | 47 | 54 | 57 | 58 | 40 | 43 | 44 | 43 | 46 | 39 | 43 | 53 | 56 | 57 | 51 | | 45.6 |
| SEABROOK FARMS | | EVAP | - | - | - | .17 | .00 | * | .26 | .19 | .22 | .27 | .19 | - | * | .62 | .15 | .09 | .02 | .15 | * | * | .50 | .21 | .07 | .16 | .09 | .24 | * | .61 | .32 | .15 | | 5.40B |
| | | MAX | - | - | - | 67 | 59 | - | 65 | 70 | 77 | 72 | 72 | 72 | - | 72 | 69 | 66 | 66 | 79 | 73 | - | 81 | 71 | 55 | 66 | 55 | 73 | - | 84 | 83 | 77 | | 70.6 |
| | | MIN | - | - | - | 38 | 40 | - | 39 | 41 | 45 | 46 | 51 | 41 | - | 39 | 42 | 49 | 55 | 57 | 57 | - | 43 | 46 | 42 | 44 | 40 | 43 | - | 51 | 56 | 52 | | 46.0 |

See Reference Notes Following Station Index

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 | | 7A | | | WALTER J SCHANCK |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F DROPPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | HAROLD DUFLOCQ |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A | | | CHARLES KOONS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | M | MRS. ALICE A. MOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MANVILLE | 5197 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | JOHN L. RADCLIFFE |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 9A | 9A | | H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH M. GARRIS, III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | C GM | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 | | 7A | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P | | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual, $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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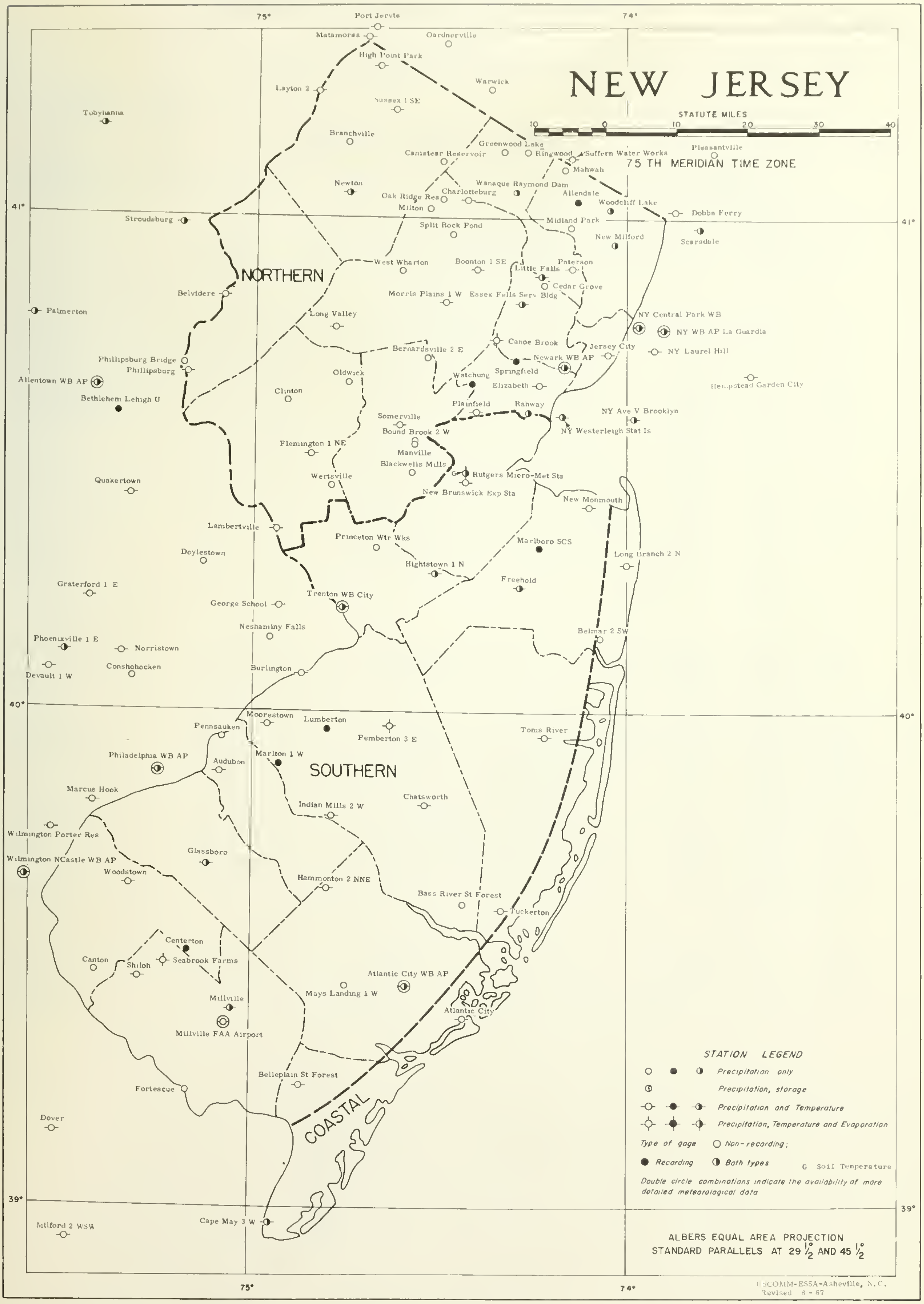


USCOMM-ESSA-Asheville, N.C.
Revised 8-67

5

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
MAY 1969
Volume 74 No. 5

THE LIBRARY OF THE
JUL 14 1969
UNIVERSITY OF ILLINOIS

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 72.2 | 45.6 | 58.9 | - 3.3 | 95 | 30 | 30 | 2 | 207 | 1 | 0 | 2 | 0 | 2.35 | - 1.68 | 1.04 | 20 | .0 | 0 | | 5 | 1 | 1 |
| BOONTON 1 SE | 71.7 | 47.2 | 59.5 | .4 | 93 | 30 | 35 | 12 | 199 | 1 | 0 | 0 | 0 | 3.88 | - .28 | 1.12 | 20 | .0 | 0 | | 5 | 4 | 2 |
| CANOE BROOK | 72.7 | 46.2 | 59.5 | .6 | 95 | 30 | 34 | 16+ | 206 | 2 | 0 | 0 | 0 | 2.62 | - 1.53 | .70 | 20 | .0 | 0 | | 5 | 2 | 0 |
| CHARLOTTEBURG | 69.7 | 44.7 | 57.2 | - 1.2 | 92 | 30 | 33 | 12+ | 255 | 1 | 0 | 0 | 0 | 2.94 | - 1.21 | 1.34 | 20 | .0 | 0 | | 6 | 1 | 1 |
| CRANFORD | 74.8 | 49.5 | 62.2 | | 96 | 29 | 35 | 12 | 142 | 2 | 0 | 0 | 0 | 2.97 | | 1.27 | 9 | .0 | 0 | | 3 | 3 | 1 |
| ELIZABETH | 74.6 | 53.5 | 64.1 | 1.9 | 96 | 29 | 39 | 12 | 106 | 2 | 0 | 0 | 0 | 3.65 | - .41 | 1.80 | 20 | .0 | 0 | | 4 | 2 | 2 |
| ESSEX FELLS SERV BLDG | 73.3 | 47.9 | 60.6 | | 96 | 30 | 35 | 6 | 174 | 1 | 0 | 0 | 0 | 2.92 | | 1.10 | 20 | .0 | 0 | | 5 | 2 | 1 |
| FLEMINGTON 1 NE | 73.0 | 43.6 | 58.3 | - 3.5 | 94 | 30 | 31 | 6 | 224 | 1 | 0 | 3 | 0 | 3.58 | - .43 | 1.53 | 20 | .0 | 0 | | 6 | 2 | 1 |
| HIGH POINT PARK | M | M | M | | | | | | | | | | | 1.94 | | .64 | 9 | .0 | 0 | | 4 | 3 | 0 |
| JERSEY CITY | 71.3 | 55.0 | 63.2 | 2.0 | 97 | 29 | 47 | 12+ | 119 | 1 | 0 | 0 | 0 | 2.50 | - 1.25 | 1.28 | 9 | .0 | 0 | | 3 | 2 | 1 |
| LAMBERTVILLE | 76.6M | 49.4M | 63.0M | 1.4 | 92 | 30+ | 36 | 6+ | 121 | 2 | 0 | 0 | 0 | 4.31 | .23 | 3.01 | 20 | .0 | 0 | | 3 | 2 | 2 |
| LAYTON 2 | 71.2 | 42.0 | 56.6 | | 93 | 30 | 29 | 6 | 273 | 1 | 0 | 6 | 0 | 1.98 | | .75 | 20 | .0 | 0 | | 4 | 2 | 0 |
| LITTLE FALLS | 73.4 | 50.1 | 61.8 | .6 | 97 | 30 | 37 | 6 | 149 | 1 | 0 | 0 | 0 | 2.72 | - 1.61 | .94 | 20 | .0 | 0 | | 5 | 2 | 0 |
| LONG VALLEY | 70.3 | 43.2 | 56.8 | | 93 | 30 | 32 | 14+ | 270 | 1 | 0 | 2 | 0 | 2.66 | - 1.51 | 1.00 | 20 | .0 | 0 | | 5 | 1 | 1 |
| MORRIS PLAINS 1 W | 71.5 | 45.0 | 58.3 | | 94 | 30 | 33 | 14+ | 231 | 1 | 0 | 0 | 0 | 3.79 | | 1.31 | 20 | .0 | 0 | | 5 | 3 | 1 |
| NEWARK WB AIRPORT R | 73.8 | 54.4 | 64.1 | 2.1 | 96 | 29 | 44 | 12 | 101 | 1 | 0 | 0 | 0 | 2.73 | - .92 | 1.13 | 9 | .0 | 0 | | 3 | 3 | 1 |
| NEWTON | 72.5 | 44.4 | 58.5 | - .5 | 93 | 30 | 30 | 6 | 218 | 1 | 0 | 5 | 0 | 2.56 | - 1.39 | .90 | 20 | .0 | 0 | | 5 | 2 | 0 |
| PATERSON | 74.1 | 50.9 | 62.5 | .6 | 97 | 30 | 42 | 12+ | 128 | 1 | 0 | 0 | 0 | 2.81 | - 1.49 | .63 | 9 | .0 | 0 | | 5 | 4 | 0 |
| PHILLIPSBURG | 77.0 | 48.4 | 62.7 | 1.3 | 95 | 30 | 34 | 12 | 133 | 2 | 0 | 0 | 0 | 2.22 | - 1.93 | .96 | 20 | .0 | 0 | | 4 | 2 | 0 |
| PLAINFIELD | 75.2 | 49.8 | 62.5 | 1.3 | 96 | 29 | 37 | 12 | 125 | 2 | 0 | 0 | 0 | 2.60 | - 1.54 | 1.21 | 9 | .0 | 0 | | 3 | 2 | 1 |
| SOMERVILLE | 75.7 | 48.7 | 62.2 | 1.1 | 95 | 29 | 36 | 12+ | 136 | 1 | 0 | 0 | 0 | 2.76 | - 1.05 | 1.25 | 20 | .0 | 0 | | 4 | 2 | 1 |
| SUSSEX 1 SE | 71.1 | 41.2 | 56.2 | - 3.7 | 93 | 30 | 26 | 6 | 285 | 1 | 0 | 8 | 0 | 2.65 | - 1.12 | .92 | 20 | .0 | 0 | | 5 | 2 | 0 |
| DIVISION | | | 60.4 | - .1 | | | | | | | | | | 2.87 | - 1.20 | | | .0 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 75.8 | 48.1 | 62.0 | .7 | 99 | 29 | 34 | 12 | 150 | 3 | 0 | 0 | 0 | 1.68 | - 1.83 | 1.26 | 9 | .0 | 0 | | 2 | 1 | 1 |
| AUDUBON | 76.6 | 52.2 | 64.4 | | 94 | 29 | 42 | 12 | 81 | 2 | 0 | 0 | 0 | 3.31 | | 1.75 | 20 | .0 | 0 | | 2 | 2 | 2 |
| BELLEPLAIN ST FOREST | 75.8 | 49.4 | 62.6 | | 95 | 29 | 33 | 12 | 125 | 2 | 0 | 0 | 0 | 1.87 | - 1.96 | 1.19 | 9 | .0 | 0 | | 2 | 1 | 1 |
| BURLINGTON | 78.1 | 53.5 | 65.8 | 1.6 | 96 | 30 | 36 | 13 | 65 | 2 | 0 | 0 | 0 | 2.90 | - .86 | 1.45 | 9 | .0 | 0 | | 2 | 2 | 2 |
| CHATSWORTH | 76.5M | 47.9M | 62.2M | | 96 | 29 | 32 | 13 | 134 | 3 | 0 | 1 | 0 | 2.12 | | .92 | 20+ | .0 | 0 | | 3 | 2 | 0 |
| FREEHOLD | | | | | | | | | | | | | | | | | | | | | | | |
| GLASSBORO | 74.1 | 52.2 | 63.2 | | 94 | 30 | 40 | 1 | 109 | 2 | 0 | 0 | 0 | 2.60 | | 1.11 | 9 | .0 | 0 | | 4 | 2 | 1 |
| HAMMONTON 2 NNE | 76.3M | 50.7M | 63.5M | .8 | 98 | 30 | 41 | 27+ | 109 | 2 | 0 | 0 | 0 | 1.62 | - 2.30 | 1.00 | 10 | .0 | 0 | | 3 | 1 | 1 |
| HIGHTSTOWN 1 N | 74.6 | 49.6 | 62.1 | .7 | 93 | 29 | 37 | 6 | 135 | 1 | 0 | 0 | 0 | 2.71 | - 1.01 | 1.61 | 9 | .0 | 0 | | 2 | 2 | 2 |
| INDIAN MILLS 2 W | 75.0 | 48.5 | 61.8 | - .2 | 95 | 29 | 32 | 27 | 147 | 2 | 0 | 1 | 0 | 1.61 | - 2.27 | .86 | 9 | .0 | 0 | | 2 | 2 | 0 |
| MILLVILLE | 75.3M | 51.0M | 63.2M | | 92 | 30 | 38 | 12+ | 127 | 2 | 0 | 0 | 0 | 1.80 | | .78 | 10 | .0 | 0 | | 3 | 2 | 0 |
| MILLVILLE FAA AIRPORT | 73.9 | 51.2 | 62.6 | | 92 | 29 | 37 | 12 | 126 | 2 | 0 | 0 | 0 | 1.72 | | .87 | 9 | .0 | 0 | | 3 | 1 | 0 |
| MOORESTOWN | 74.1 | 50.9 | 62.5 | .8 | 94 | 29 | 38 | 12 | 128 | 1 | 0 | 0 | 0 | 2.42 | - 1.65 | 1.17 | 9 | .0 | 0 | | 3 | 2 | 1 |
| NEW BRUNSWICK | 72.7 | 50.4 | 61.6 | | 93 | 30 | 39 | 12+ | 152 | 1 | 0 | 0 | 0 | 2.78 | | 1.02 | 10 | .0 | 0 | | 6 | 2 | 1 |
| PEMBERTON 3 E | 74.9 | 48.3 | 61.6 | - 1.1 | 95 | 29 | 36 | 27+ | 146 | 2 | 0 | 0 | 0 | 2.17 | - 1.59 | .94 | 20 | .0 | 0 | | 3 | 2 | 0 |
| SEABROOK FARMS | 73.0 | 51.9 | 62.5 | | 91 | 30 | 40 | 12+ | 128 | 1 | 0 | 0 | 0 | 2.81 | | 1.20 | 20 | .0 | 0 | | 5 | 2 | 2 |
| SHILOH | 74.9 | 51.9 | 63.4 | .4 | 93 | 29 | 41 | 12+ | 102 | 2 | 0 | 0 | 0 | 2.80 | - 1.16 | 1.18 | 9 | .0 | 0 | | 4 | 2 | 2 |
| TOMS RIVER | 72.6 | 48.6 | 60.6 | | 96 | 30 | 35 | 6 | 191 | 2 | 0 | 0 | 0 | 1.49 | | .65 | 10 | .0 | 0 | | 5 | 1 | 0 |
| TRENTON WB CITY R | 74.0 | 54.1 | 64.1 | 1.8 | 93 | 29 | 45 | 12+ | 98 | 1 | 0 | 0 | 0 | 3.11 | - .51 | 1.63 | 20 | .0 | 0 | | 3 | 2 | 2 |
| TUCKERTON | 71.0 | 49.3 | 60.2 | | 97 | 29 | 35 | 1 | 183 | 2 | 0 | 0 | 0 | 1.71 | | 1.13 | 9 | .0 | 0 | | 2 | 1 | 1 |
| WOODSTOWN | 76.9 | 51.1 | 64.0 | | 94 | 30+ | 39 | 12+ | 93 | 2 | 0 | 0 | 0 | 3.11 | | 1.50 | 9 | .0 | 0 | | 2 | 2 | 2 |
| DIVISION | | | 62.7 | .6 | | | | | | | | | | 2.32 | - 1.46 | | | .0 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 67.0 | 55.8 | 61.4 | 1.9 | 94 | 29 | 49 | 12+ | 141 | 2 | 0 | 0 | 0 | 1.43 | - 1.73 | .77 | 9 | | | | 2 | 1 | 0 |
| CAPE MAY 1 NW | 67.5 | 52.9 | 60.2 | | 89 | 30 | 39 | 12 | 168 | 0 | 0 | 0 | 0 | 1.30 | | .88 | 10 | .0 | 0 | | 3 | 1 | 0 |
| LONG BRANCH 2S | 70.4 | 51.5 | 61.0 | 1.2 | 92 | 29 | 40 | 1 | 164 | 1 | 0 | 0 | 0 | 2.88 | - .61 | 1.75 | 20 | .0 | 0 | | 3 | 2 | 1 |
| DIVISION | | | 60.9 | .9 | | | | | | | | | | 1.87 | - 1.39 | | | .0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>ATLANTIC CITY WB AP | 99 | DATE | 29 |
| LOWEST TEMPERATURE<br>SUSSEX 1 SE | 26 | DATE | 06 |
| GREATEST TOTAL PRECIPITATION<br>LAMBERTVILLE | 4.31 | | |
| LEAST TOTAL PRECIPITATION<br>CAPE MAY 1 NW | 1.30 | | |
| GREATEST 1 DAY PRECIPITATION<br>LAMBERTVILLE | 3.01 | DATE | 20 |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * *<br>NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 2.35 | | | | .02 | | | | .34 | .48 | .31 | .05 | | T | T | T | | | | .11 | 1.04 | | | | T | T | T | | | | | |
| BERNARDSVILLE 2 E | 3.07 | .03 | | | .02 | | | | .38 | .38 | .79 | .03 | | | | .03 | | | | | .93 | .48 | | | | | | | | | | |
| BLACKWELLS MILLS | 3.10 | | | | .08 | | | | .30 | .25 | 1.10 | .01 | | | | | | | | | .40 | .96 | | | | | | | | | | |
| BOONTON 1 SE | 3.88 | T | | | | | | | .47 | .53 | .62 | .08 | T | .05 | | T | | | | T | 1.12 | 1.01 | | | | | | | | | | |
| BOUND BROOK 2 W | 2.68 | | | | | | | | .32 | .25 | .61 | | | | | | | | | | .60 | .90 | | | | | | | | | | |
| BRANCHVILLE | 2.45 | .02 | | | | | | | .29 | .20 | .83 | .07 | | T | | | | | | .02 | .90 | .12 | | | | | | | | | | |
| CANISTEAR RESERVOIR | 2.68 | .02 | | | | | | | .34 | .13 | .58 | .11 | T | .01 | | | | | | T | 1.02 | .24 | | | | | | | | | | |
| CANOE BROOK | 2.62 | .05 | | | .09 | | | | .30 | .44 | .60 | .06 | | | T | | | | | | .70 | .38 | | | | | | | | | .23 | |
| CHARLOTTEBURG | 2.94 | .04 | | | | | | | .34 | .12 | .48 | .16 | T | .01 | | | | | | T | 1.34 | .45 | | | | | | | | | | |
| CLINTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CRANFORD | 2.97 | | | T | .05 | | | | .58 | 1.27 | | .09 | | | .01 | | | | | T | .93 | .04 | | | T | | | | | | | |
| ELIZABETH | 3.65 | | | T | .05 | | | | .33 | 1.33 | T | .04 | T | | T | | T | | | | 1.80 | .10 | | T | T | | | | | | | |
| ESSEX FELLS SERV BLDG | 2.92 | T | | | | | | | .48 | .86 | .26 | .07 | | | | | | | | | 1.10 | .15 | | | | | | | | | | |
| FLEMINGTON 1 NE | 3.58 | | | | .12 | | | | .25 | .45 | .73 | .06 | | | | .04 | | | | | 1.53 | .40 | | | | | | | | | | |
| GREENWOOD LAKE | 3.19 | .05 | | | | | | | .30 | .18 | .60 | .18 | | .03 | | | | | | | 1.25 | .57 | | | .01 | | .02 | | | | | |
| HIGH POINT PARK | 1.94 | | | | | | | | .16 | .64 | .56 | .04 | | | | | | | | | .54 | | | | | | | | | | | |
| JERSEY CITY | 2.50 | | | T | | | | T | .40 | 1.28 | | .02 | | | T | | | | | .07 | .73 | | | | | | | | | | | |
| LAMBERTVILLE | 4.31 | | | | .03 | | | | .07 | 1.08 | | | .02 | T | T | | | | | .10 | 3.01 | | | | | | | | | | | |
| LAYTON 2 | 1.98 | .01 | | | T | | | | .23 | .31 | .52 | .04 | | T | T | | | | | .08 | .75 | .04 | | | | | | | | | | |
| LITTLE FALLS | 2.72 | T | | | | | | | .40 | .58 | .35 | .08 | | .02 | | | | | | | .94 | .35 | | | | | | | | | | |
| LONG VALLEY | 2.66 | | | | .04 | | | | .41 | .35 | .43 | .08 | | | | | | | | | 1.00 | .35 | | | | | | | | | | |
| MAHWAH | 2.91 | .04 | | | | | | | .30 | .22 | .50 | .11 | | .01 | | | | | | | .89 | .84 | | | | | | | | | | |
| MIDLAND PARK | 3.45 | | | | | | | | .42 | 1.10 | | .11 | .03 | | | | | | | .13 | 1.66 | | | | | | | | | | | |
| MILTON | 1.68 | | | | | | | | .34 | .29 | .46 | .12 | | .05 | | | | | | | | .42 | | | | | | | | | | |
| MORRIS PLAINS 1 W | 3.79 | T | | | T | | | | .46 | .45 | .74 | .07 | T | .01 | T | T | | | | T | 1.31 | .75 | | | | T | | | | | | |
| NEWARK WB AIRPORT R | 2.73 | | | .08 | | | | .05 | .50 | 1.13 | | .02 | | | .01 | | | | | .05 | .89 | | | | T | | | | | | | |
| NEW MILFORD | 2.35 | | | | | | | | .28 | .94 | | .05 | | | | | | | | | 1.08 | | | | | | | | | | | |
| NEWTON | 2.56 | | | | | | | | .32 | .32 | .76 | .05 | .01 | .05 | | T | | | | .03 | .90 | .12 | | | | | | | | | | |
| OAK RIDGE RESERVOIR | 2.84 | | | | | | | | .32 | .31 | .42 | .13 | | .06 | | | | | | .02 | 1.12 | .43 | | | | | | | | | | |
| PATERSON | 2.81 | .01 | | | T | | | | .50 | .63 | .36 | .07 | | .04 | T | | | | | T | .61 | .59 | | | | | | | | | .03 | |
| PHILLIPSBURG | 2.22 | | | | | | | | .25 | .61 | .08 | | | .04 | .05 | | | | | .23 | .96 | | | | | | | | | | | |
| PHILLIPSBURG BRIDGE | 2.14 | | | | | | | | .23 | .56 | .04 | .06 | | | | .02 | | | | .17 | 1.06 | | | | | | | | | | | |
| PLAINFIELD | 2.60 | | | | | | | T | .37 | 1.21 | | .03 | T | | .01 | | | | | T | .90 | .08 | | | | | | | | | | |
| POTTERSVILLE 2 NNW | 3.77 | .02 | | | T | | | | .33 | .35 | .57 | T | .08 | | T | .12 | | | | .02 | 1.75 | .53 | | | | | | | | | | |
| RAHWAY | 2.25 | | | .01 | | | | .20 | .02 | 1.17 | | | | | T | | | | | .11 | .74 | | | | T | | | | | | | |
| RINGWOOD | 2.76 | | | | | | | | .27 | .57 | .03 | .09 | | | | | | | | .02 | 1.37 | .41 | | | | | | | | | | |
| SOMERVILLE | 2.76 | | | T | .02 | | | | .24 | .89 | | .03 | T | | .02 | | | | | .03 | 1.25 | .28 | | | | | T | | | | | |
| SPLIT ROCK POND | 3.15 | | | | | | | | .35 | .48 | .30 | .16 | | | | | | | | | 1.73 | .13 | | | | | | | | | | |
| SUSSEX 1 SE | 2.65 | .02 | | | | | | | .28 | .23 | .90 | .06 | .01 | .01 | | | | | | T | .92 | .16 | | | | | .05 | | | | .01 | |
| WANAQUE RAYMOND DAM | 2.46 | .01 | | | | | | | .28 | .32 | .32 | .09 | T | T | | | | | | | 1.16 | .28 | | | | | | | | | T | |
| WERTSVILLE | 3.68 | .01 | | | .08 | | | | .23 | .34 | .76 | .05 | | T | T | | | | | T | 1.39 | .82 | | | T | | | | | | | |
| WEST WHARTON | 2.91 | | | | | | | | .34 | .22 | .64 | .15 | T | .05 | | | | | | .01 | 1.10 | .40 | | | | | | | | | | |
| WOODCLIFF LAKE | 2.57 | | | | | | | | .35 | 1.08 | .02 | .07 | | | | | | | | | 1.05 | | | | | | | | | | | |
| * * *<br>SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 1.68 | | | | | | | | T | 1.26 | | T | T | | T | | | | | .02 | .39 | | | | .01 | | | | | | | |
| AUDUBON | 3.31 | | | | | | | | | 1.45 | | T | T | | | | | | | .05 | 1.75 | | | | .06 | | | | | | | |
| BASS RIVER ST FOREST | 1.81 | | | | | | | | | .13 | .85 | | | | | | | | | | .32 | .37 | | | | .14 | | | | | | |
| BELLEPLAIN ST FOREST | 1.87 | | | | | | | | T | 1.19 | T | .05 | T | .05 | T | | | | | | .49 | | .04 | | T | .05 | | | | | | |
| BURLINGTON | 2.90 | | | | | | | | .02 | 1.45 | | | .01 | | | | | | | .02 | 1.35 | | | | .05 | | | | | | | |
| CANTON | 2.62 | | | | | | | | | .17 | .56 | | | | | | | | | .02 | 1.33 | .40 | | | | .14 | | | | | | |
| CHATSWORTH | 2.12 | | | | | | | | | .92 | | | | | | | | | | .08 | .92 | .11 | | | .09 | | | | | | | |
| FORTESCUE | 2.10 | | | | | | | | .12 | .20 | .78 | | | | | | | | | | .60 | .40 | | | | | | | | | | |
| FREEHOLD | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| GLASSBORO | 2.60 | T | | | | | | | | 1.11 | | | | T | .03 | | | | | .85 | .48 | | | | .13 | | | | | | | |
| HAMMONTON 2 NNE | 1.62 | .01 | | | | | | | | .21 | 1.00 | | | | | | | | | | | .35 | | | | .05 | | | | | | |
| HIGHTSTOWN 1 N | 2.71 | | | T | T | | | | .08 | 1.61 | | T | .01 | T | T | | | | | .01 | 1.00 | | | | T | | | | | | | |
| INDIAN MILLS 2 W | 1.61 | | | | | | | | T | .86 | | T | T | | | | | | | .08 | .61 | | | | .06 | | | | | | | |
| MAYS LANDING 1 W | 2.40 | .02 | | | | | | | | .20 | 1.20 | | | | | .01 | | | | | .55 | .42 | | | | T | | | | | | |
| MILLVILLE | 1.80 | | | | | | | | | .30 | .78 | | | .05 | | | | | | | .67 | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | 1.72 | | | | | | | | | .87 | | | | | .03 | | | | | .34 | .47 | .01 | | | T | | | | | | | |
| MOORESTOWN | 2.42 | | | | | | | | T | 1.17 | | T | | .04 | T | | | | | | .96 | .25 | | | T | | | | | | | |
| NEW BRUNSWICK | 2.78 | T | | | .12 | | | | .30 | .32 | 1.02 | | T | T | T | T | | | | T | .62 | .40 | | | T | | | | | | | |
| PEMBERTON 3 E | 2.17 | | | | | | | | | .87 | .09 | | .03 | | | | | | | .12 | .94 | .06 | | | .06 | | | | | | | |
| PRINCETON WATER WORKS | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SEABROOK FARMS | 2.81 | .01 | | | | | | | | .17 | 1.03 | | T | T | | .01 | | | | T | 1.20 | .29 | | | | .10 | | | | | | |
| SHILOH | 2.80 | | | | | | | | | 1.18 | | T | | | .02 | | | | | .24 | 1.15 | .13 | | | .08 | | | | | | | |
| TOMS RIVER | 1.49 | | | | | | | | | .17 | .65 | | | | | | | | | | .26 | .25 | | | | .16 | | | | | | |
| TRENTON WB CITY R | 3.11 | | | | | | | T | .05 | 1.20 | | .01 | .07 | | | | | | | .12 | 1.63 | | | | .02 | .01 | | | | | | |
| TUCKERTON | 1.71 | | | | | | | | T | 1.13 | .02 | T | T | | T | | | | | .05 | .46 | .03 | | | .02 | T | | | | | | |
| WOODSTOWN | 3.11 | | | | | | | | T | 1.50 | | T | T | .02 | T | | | | | .05 | 1.42 | .03 | | | .09 | | | | | | | |
| * * *<br>COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 1.43 | | | | | | | | | .77 | | .01 | .07 | | .02 | | | | | .07 | .47 | | | | .02 | | | | | | | |
| CAPE MAY 1 NW | 1.30 | | | | | | | | | .02 | .88 | | | | | | | | | | .20 | .16 | | | | .04 | | | | | | |
| LONG BRANCH 2S | 2.88 | | | | .03 | | | | .06 | .70 | .03 | .01 | T | T | | | | | | T | 1.75 | .27 | | | .03 | T | | | | | | |

# SUPPLEMENTAL DATA

| Station | Wind (Speed - m.p.h.) | | | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | EASTERN STANDARD TIME 1 AM | 7 AM | 1 PM | 7 PM | Trace | .01–.09 | .10–.49 | .50–.99 | 1.00–1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 20 | 5.2 | 12.2 | 30++ | 19 | 09 | 83 | 72 | 47 | 65 | 4 | 2 | 1 | 0 | 1 | 0 | 8 | 59 | 5.1 |
| ATLANTIC CITY ST. MARINA | - | - | - | 39 | SSW | 11+ | - | - | - | - | 0 | 5 | 1 | 1 | 0 | 0 | 7 | - | - |
| NEWARK WB AIRPORT | 22 | 3.8 | 10.7 | 25++ | 21 | 09 | 68 | 65 | 44 | 50 | 1 | 5 | 0 | 2 | 1 | 0 | 9 | - | 5.0 |
| TRENTON WB CITY | - | - | - | 30 | SW | 09 | - | - | - | - | 1 | 5 | 1 | 0 | 2 | 0 | 9 | 76 | 4.4 |

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 59 | 71 | 73 | 82 | 80 | 75 | 76 | 70 | 72 | 67 | 62 | 58 | 59 | 67 | 69 | 71 | 74 | 80 | 84 | 70 | 70 | 72 | 74 | 64 | 69 | 75 | 68 | 65 | 82 | 95 | 86 | 72.2 |
| | MIN | 32 | 30 | 44 | 49 | 42 | 34 | 37 | 46 | 52 | 43 | 48 | 34 | 36 | 38 | 36 | 42 | 50 | 55 | 63 | 55 | 58 | 56 | 48 | 53 | 55 | 45 | 39 | 40 | 50 | 61 | 44 | 45.6 |
| BOONTON 1 SE | MAX | 58 | 69 | 72 | 81 | 78 | 73 | 75 | 63 | 70 | 68 | 62 | 69 | 60 | 65 | 68 | 72 | 73 | 79 | 78 | 71 | 75 | 72 | 72 | 67 | 65 | 73 | 68 | 69 | 80 | 93 | 85 | 71.7 |
| | MIN | 38 | 37 | 44 | 50 | 44 | 36 | 43 | 50 | 53 | 46 | 47 | 35 | 37 | 38 | 36 | 40 | 52 | 56 | 57 | 64 | 57 | 45 | 46 | 53 | 55 | 45 | 39 | 43 | 58 | 65 | 53 | 47.2 |
| CANOE BROOK | MAX | 60 | 67 | 73 | 82 | 80 | 77 | 76 | 62 | 75 | 67 | 64 | 60 | 63 | 68 | 66 | 71 | 75 | 80 | 79 | 78 | 77 | 70 | 71 | 70 | 65 | 73 | 69 | 69 | 81 | 95 | 90 | 72.7 |
| | MIN | 37 | 37 | 35 | 49 | 45 | 34 | 42 | 52 | 51 | 46 | 48 | 36 | 37 | 40 | 40 | 34 | 52 | 54 | 62 | 60 | 59 | 46 | 47 | 45 | 49 | 48 | 35 | 43 | 55 | 64 | 49 | 46.2 |
| CHARLOTTEBURG | MAX | 56 | 66 | 71 | 78 | 76 | 71 | 73 | 61 | 69 | 67 | 60 | 51 | 58 | 64 | 66 | 72 | 73 | 79 | 71 | 68 | 75 | 70 | 72 | 64 | 65 | 73 | 65 | 70 | 81 | 92 | 83 | 69.7 |
| | MIN | 38 | 33 | 36 | 48 | 45 | 33 | 41 | 43 | 51 | 45 | 45 | 33 | 34 | 37 | 35 | 39 | 48 | 55 | 58 | 61 | 55 | 43 | 44 | 50 | 52 | 43 | 35 | 38 | 55 | 62 | 52 | 44.7 |
| CRANFORD | MAX | 69 | 73 | 82 | 82 | 76 | 77 | 77 | 68 | 73 | 65 | 62 | 63 | 68 | 68 | 71 | 74 | 81 | 79 | 77 | 78 | 72 | 71 | 71 | 66 | 74 | 74 | 71 | 81 | 96 | 95 | 86 | 74.8 |
| | MIN | 39 | 37 | 49 | 53 | 48 | 36 | 45 | 53 | 61 | 48 | 47 | 35 | 38 | 41 | 39 | 40 | 52 | 53 | 64 | 65 | 59 | 48 | 49 | 54 | 53 | 49 | 43 | 46 | 69 | 67 | 54 | 49.5 |
| ELIZABETH | MAX | 70 | 73 | 80 | 80 | 79 | 75 | 72 | 67 | 74 | 64 | 64 | 64 | 66 | 71 | 73 | 75 | 82 | 80 | 76 | 78 | 73 | 71 | 72 | 65 | 74 | 70 | 69 | 80 | 96 | 92 | 88 | 74.6 |
| | MIN | 59 | 42 | 50 | 69 | 71 | 72 | 49 | 56 | 48 | 46 | 56 | 39 | 40 | 44 | 43 | 44 | 57 | 55 | 64 | 65 | 58 | 52 | 45 | 50 | 54 | 51 | 47 | 47 | 67 | 68 | 52 | 53.5 |
| ESSEX FELLS SERV BLDG | MAX | 59 | 68 | 74 | 84 | 81 | 76 | 78 | 60 | 71 | 67 | 65 | 60 | 63 | 68 | 67 | 74 | 76 | 83 | 88 | 72 | 77 | 73 | 72 | 70 | 65 | 74 | 71 | 71 | 84 | 96 | 86 | 73.3 |
| | MIN | 37 | 44 | 38 | 50 | 46 | 35 | 43 | 52 | 50 | 46 | 50 | 36 | 37 | 41 | 38 | 43 | 53 | 55 | 63 | 64 | 58 | 47 | 47 | 55 | 54 | 47 | 38 | 47 | 54 | 64 | 52 | 47.9 |
| FLEMINGTON 1 NE | MAX | 58 | 67 | 71 | 83 | 79 | 75 | 75 | 70 | 79 | 70 | 63 | 59 | 63 | 68 | 70 | 73 | 75 | 80 | 78 | 74 | 78 | 73 | 72 | 66 | 66 | 74 | 69 | 70 | 83 | 94 | 87 | 73.0 |
| | MIN | 36 | 32 | 37 | 50 | 43 | 31 | 40 | 48 | 55 | 45 | 47 | 32 | 35 | 37 | 35 | 38 | 46 | 46 | 38 | 57 | 44 | 45 | 45 | 53 | 52 | 46 | 37 | 41 | 50 | 63 | 49 | 43.6 |
| HIGH POINT PARK | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | MAX | 69 | 65 | 82 | 75 | 75 | 75 | 58 | 67 | 69 | 63 | 62 | 61 | 67 | 65 | 68 | 68 | 81 | 76 | 70 | 72 | 72 | 68 | 68 | 58 | 65 | 71 | 66 | 81 | 97 | 88 | 87 | 71.3 |
| | MIN | 50 | 47 | 53 | 60 | 60 | 48 | 53 | 55 | 56 | 50 | 47 | 47 | 48 | 51 | 48 | 53 | 56 | 62 | 61 | 62 | 60 | 54 | 54 | 54 | 54 | 51 | 50 | 54 | 72 | 71 | 65 | 55.0 |
| LAMBERTVILLE | MAX | 69 | 74 | 84 | 81 | 80 | 77 | 76 | 80 | 78 | 64 | | 64 | 69 | 72 | 74 | 76 | 80 | 80 | 76 | 78 | 75 | 75 | 72 | 67 | 76 | 75 | 71 | 83 | 92 | 92 | 87 | 76.6 |
| | MIN | 36 | 38 | 51 | 54 | 44 | 36 | 44 | 54 | 61 | 47 | | 37 | 39 | 42 | 41 | 43 | 53 | 55 | 66 | 66 | 58 | 49 | 47 | 55 | 54 | 49 | 37 | 46 | 65 | 65 | 51 | 49.4 |
| LAYTON 2 | MAX | 58 | 68 | 64 | 82 | 77 | 73 | 74 | 68 | 65 | 66 | 61 | 56 | 61 | 66 | 67 | 73 | 75 | 82 | 80 | 67 | 76 | 71 | 72 | 62 | 69 | 76 | 66 | 70 | 85 | 93 | 85 | 71.2 |
| | MIN | 30 | 30 | 36 | 44 | 38 | 29 | 35 | 45 | 52 | 39 | 46 | 30 | 34 | 35 | 32 | 35 | 48 | 51 | 62 | 62 | 50 | 39 | 43 | 48 | 50 | 40 | 30 | 38 | 45 | 62 | 45 | 42.0 |
| LITTLE FALLS | MAX | 60 | 69 | 72 | 84 | 81 | 76 | 77 | 62 | 73 | 68 | 63 | 60 | 63 | 67 | 67 | 73 | 76 | 83 | 80 | 74 | 80 | 73 | 73 | 71 | 65 | 74 | 70 | 71 | 83 | 97 | 89 | 73.4 |
| | MIN | 39 | 40 | 52 | 52 | 48 | 37 | 47 | 52 | 55 | 48 | 49 | 38 | 39 | 42 | 40 | 44 | 54 | 57 | 61 | 64 | 59 | 48 | 50 | 55 | 57 | 50 | 41 | 52 | 63 | 66 | 55 | 50.1 |
| LONG VALLEY | MAX | 57 | 66 | 70 | 81 | 77 | 73 | 74 | 66 | 73 | 66 | 60 | 56 | 60 | 65 | 67 | 70 | 72 | 78 | 76 | 68 | 74 | 72 | 70 | 63 | 63 | 72 | 66 | 67 | 80 | 93 | 84 | 70.3 |
| | MIN | 36 | 33 | 33 | 44 | 41 | 34 | 35 | 42 | 52 | 44 | 38 | 33 | 32 | 32 | 34 | 34 | 39 | 51 | 62 | 62 | 56 | 43 | 43 | 46 | 53 | 45 | 36 | 36 | 57 | 62 | 52 | 43.2 |
| MORRIS PLAINS 1 W | MAX | 57 | 67 | 73 | 83 | 78 | 69 | 71 | 63 | 71 | 67 | 68 | 56 | 61 | 67 | 68 | 72 | 74 | 80 | 79 | 70 | 76 | 71 | 70 | 67 | 65 | 73 | 68 | 69 | 82 | 94 | 87 | 71.5 |
| | MIN | 36 | 33 | 39 | 50 | 44 | 34 | 42 | 47 | 51 | 43 | 46 | 34 | 35 | 33 | 35 | 39 | 42 | 55 | 55 | 62 | 51 | 46 | 45 | 52 | 53 | 41 | 41 | 45 | 48 | 64 | 55 | 45.0 |
| NEWARK WB AIRPORT | MAX | 68 | 68 | 85 | 79 | 76 | 74 | 61 | 75 | 72 | 65 | 63 | 65 | 68 | 66 | 70 | 75 | 84 | 81 | 76 | 79 | 72 | 71 | 70 | 62 | 73 | 70 | 67 | 83 | 96 | 89 | 85 | 73.8 |
| | MIN | 46 | 48 | 52 | 60 | 55 | 46 | 51 | 54 | 54 | 50 | 48 | 44 | 46 | 50 | 48 | 51 | 56 | 59 | 65 | 66 | 58 | 54 | 54 | 55 | 56 | 53 | 49 | 52 | 70 | 71 | 65 | 54.4 |
| NEWTON | MAX | 58 | 69 | 74 | 81 | 78 | 73 | 70 | 69 | 73 | 68 | 62 | 57 | 61 | 67 | 68 | 74 | 71 | 82 | 81 | 69 | 77 | 73 | 78 | 72 | 70 | 77 | 67 | 71 | 80 | 93 | 86 | 72.5 |
| | MIN | 36 | 31 | 46 | 48 | 42 | 30 | 38 | 44 | 53 | 45 | 48 | 31 | 36 | 35 | 31 | 40 | 52 | 56 | 57 | 62 | 54 | 41 | 45 | 51 | 52 | 44 | 31 | 44 | 51 | 60 | 41 | 44.4 |
| PATERSON | MAX | 60 | 69 | 73 | 82 | 79 | 77 | 76 | 63 | 70 | 68 | 66 | 65 | 68 | 68 | 67 | 72 | 78 | 85 | 84 | 75 | 80 | 72 | 70 | 72 | 65 | 72 | 70 | 79 | 85 | 97 | 89 | 74.1 |
| | MIN | 43 | 46 | 53 | 56 | 52 | 42 | 42 | 53 | 56 | 49 | 51 | 42 | 44 | 46 | 43 | 46 | 50 | 58 | 57 | 48 | 60 | 51 | 52 | 54 | 55 | 50 | 44 | 54 | 53 | 68 | 60 | 50.9 |
| PHILLIPSBURG | MAX | 67 | 75 | 84 | 85 | 82 | 78 | 78 | 73 | 77 | 68 | 65 | 64 | 68 | 71 | 71 | 75 | 82 | 80 | 79 | 79 | 79 | 75 | 75 | 69 | 78 | 78 | 71 | 84 | 94 | 95 | 88 | 77.0 |
| | MIN | 36 | 35 | 45 | 53 | 42 | 37 | 44 | 53 | 61 | 46 | 47 | 34 | 36 | 39 | 37 | 44 | 52 | 54 | 63 | 64 | 56 | 47 | 49 | 56 | 54 | 47 | 37 | 46 | 71 | 62 | 52 | 48.4 |
| PLAINFIELD | MAX | 72 | 75 | 84 | 82 | 78 | 79 | 66 | 75 | 66 | 65 | 63 | 66 | 70 | 69 | 73 | 77 | 83 | 82 | 74 | 77 | 75 | 71 | 71 | 65 | 74 | 72 | 72 | 83 | 96 | 90 | 87 | 75.2 |
| | MIN | 40 | 38 | 47 | 55 | 49 | 39 | 46 | 53 | 62 | 45 | 52 | 37 | 39 | 42 | 40 | 42 | 51 | 53 | 64 | 66 | 58 | 49 | 49 | 55 | 54 | 49 | 42 | 46 | 65 | 65 | 53 | 49.8 |
| SOMERVILLE | MAX | 69 | 74 | 84 | 81 | 77 | 77 | 74 | 78 | 76 | 65 | 61 | 64 | 68 | 71 | 74 | 77 | 82 | 81 | 74 | 80 | 77 | 73 | 70 | 67 | 75 | 73 | 71 | 83 | 95 | 89 | 87 | 75.7 |
| | MIN | 40 | 36 | 44 | 55 | 47 | 36 | 45 | 53 | 61 | 44 | 51 | 36 | 37 | 40 | 39 | 41 | 48 | 52 | 64 | 64 | 58 | 49 | 48 | 55 | 54 | 48 | 39 | 43 | 65 | 64 | 53 | 48.7 |
| SUSSEX 1 SE | MAX | 58 | 66 | 73 | 80 | 77 | 73 | 73 | 65 | 70 | 66 | 61 | 57 | 59 | 65 | 67 | 71 | 73 | 80 | 79 | 70 | 75 | 70 | 72 | 65 | 63 | 75 | 70 | 69 | 83 | 93 | 85 | 71.1 |
| | MIN | 28 | 30 | 41 | 41 | 37 | 26 | 32 | 43 | 49 | 41 | 44 | 29 | 30 | 33 | 29 | 38 | 44 | 41 | 51 | 60 | 52 | 45 | 44 | 48 | 49 | 42 | 30 | 39 | 51 | 69 | 42 | 41.2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 67 | 74 | 87 | 83 | 81 | 70 | 67 | 80 | 67 | 67 | 68 | 67 | 72 | 76 | 69 | 70 | 84 | 82 | 81 | 82 | 78 | 70 | 69 | 62 | 76 | 73 | 65 | 90 | 99 | 90 | 84 | 75.8 |
| | MIN | 40 | 42 | 50 | 50 | 48 | 44 | 44 | 59 | 53 | 48 | 37 | 34 | 39 | 46 | 41 | 42 | 52 | 60 | 61 | 63 | 50 | 47 | 42 | 51 | 53 | 42 | 36 | 46 | 68 | 57 | 45 | 48.1 |
| AUDUBON | MAX | 71 | 74 | 82 | 82 | 79 | 75 | 74 | 82 | 73 | 66 | 63 | 67 | 70 | 76 | 75 | 79 | 80 | 81 | 75 | 81 | 76 | 75 | 76 | 67 | 76 | 72 | 74 | 83 | 94 | 90 | 88 | 76.6 |
| | MIN | 43 | 43 | 50 | 57 | 53 | 45 | 44 | 54 | 58 | 49 | 52 | 42 | 43 | 49 | 45 | 45 | 54 | 59 | 65 | 66 | 59 | 52 | 51 | 55 | 55 | 53 | 44 | 48 | 65 | 65 | 56 | 52.2 |
| BELLEPLAIN ST FOREST | MAX | 68 | 72 | 80 | 80 | 80 | 77 | 70 | 85 | 72 | 67 | 65 | 68 | 74 | 73 | 72 | 72 | 80 | 80 | 78 | 75 | 75 | 72 | 72 | 67 | 75 | 74 | 70 | 80 | 95 | 94 | 89 | 75.8 |
| | MIN | 35 | 39 | 51 | 51 | 46 | 46 | 42 | 56 | 60 | 47 | 52 | 33 | 38 | 51 | 43 | 41 | 53 | 60 | 61 | 63 | 61 | 48 | 46 | 49 | 50 | 56 | 37 | 44 | 65 | 60 | 47 | 49.4 |
| BURLINGTON | MAX | 70 | 75 | 84 | 81 | 80 | 80 | 78 | 86 | 79 | 66 | 64 | 66 | 71 | 73 | 74 | 75 | 83 | 82 | 77 | 80 | 78 | 78 | 76 | 72 | 77 | 76 | 77 | 84 | 95 | 96 | 88 | 78.1 |
| | MIN | 46 | 46 | 52 | 63 | 53 | 45 | 47 | 55 | 59 | 51 | 53 | 43 | 36 | 52 | 48 | 48 | 54 | 59 | 64 | 65 | 61 | 53 | 52 | 54 | 54 | 52 | 45 | 50 | 69 | 69 | 60 | 53.5 |
| CHATSWORTH | MAX | | 75 | 85 | 84 | 80 | 77 | 71 | 86 | 79 | 65 | 65 | 73 | 65 | 68 | 72 | 74 | 82 | 80 | 77 | 76 | 77 | 71 | 72 | 67 | 75 | 73 | 68 | | 96 | 95 | 90 | 76.5 |
| | MIN | | 35 | 47 | 53 | 45 | 38 | 41 | 52 | 55 | 44 | 40 | 45 | 32 | 44 | 50 | 39 | 47 | 50 | 56 | 64 | 60 | 48 | 45 | 52 | 52 | 51 | 37 | 40 | 60 | 64 | 52 | 47.9 |
| FREEHOLD | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GLASSBORO | MAX | 57 | 69 | 73 | 82 | 82 | 79 | 75 | 73 | 84 | 66 | 64 | 63 | 65 | 70 | 75 | 73 | 76 | 80 | 79 | 74 | 78 | 74 | 72 | 74 | 66 | 65 | 70 | 75 | 81 | 94 | 90 | 74.1 |
| | MIN | 40 | 44 | 53 | 54 | 51 | 45 | 43 | 56 | 53 | 53 | 58 | 41 | 41 | 49 | 44 | 55 | 54 | 52 | 64 | 64 | 61 | 50 | 49 | 53 | 55 | 52 | 42 | 50 | 61 | 75 | 55 | 52.2 |
| HAMMONTON 2 NNE | MAX | 58 | 72 | 75 | 84 | 84 | 80 | 77 | 70 | 87 | 65 | 68 | 67 | 72 | 77 | 78 | 76 | 78 | 81 | 82 | | | 75 | 70 | 76 | 65 | 77 | 74 | 70 | 84 | 98 | 94 | 76.3 |
| | MIN | 42 | 44 | 51 | 54 | 49 | 44 | 44 | 56 | 60 | 47 | 53 | 41 | 52 | 43 | 44 | 46 | 54 | 60 | 63 | | | 48 | 47 | 52 | 52 | 52 | 41 | 48 | 60 | 68 | 56 | 50.7 |
| HIGHTSTOWN 1 N | MAX | 68 | 73 | 82 | 79 | 76 | 74 | 67 | 84 | 74 | 64 | 62 | 64 | 68 | 71 | 73 | 77 | 80 | 81 | 75 | 79 | 72 | 70 | 72 | 67 | 74 | 70 | 71 | 82 | 93 | 87 | 85 | 74.6 |
| | MIN | 40 | 39 | 48 | 55 | 45 | 37 | 43 | 53 | 59 | 47 | 52 | 38 | 41 | 46 | 39 | 40 | 52 | 57 | 63 | 65 | 59 | 49 | 47 | 54 | 53 | 49 | 38 | 48 | 67 | 65 | 51 | 49.6 |
| INDIAN MILLS 2 W | MAX | 70 | 73 | 83 | 82 | 78 | 74 | 69 | 85 | 73 | 64 | 62 | 64 | 63 | 73 | 74 | 75 | 81 | 79 | 75 | 76 | 73 | 71 | 76 | 64 | 75 | 70 | 71 | 81 | 95 | 90 | 87 | 75.0 |
| | MIN | 35 | 37 | 48 | 50 | 46 | 40 | 43 | 55 | 58 | 48 | 52 | 37 | 36 | 47 | 39 | 40 | 46 | 59 | 63 | 65 | 61 | 48 | 44 | 53 | 52 | 50 | 32 | 43 | 67 | 65 | 46 | 48.5 |
| MILLVILLE | MAX | 58 | 70 | 74 | 82 | 83 | 79 | 75 | 73 | 87 | 66 | 65 | 64 | 65 | | | 73 | 74 | 80 | 81 | 77 | 77 | | | | | 74 | 71 | 73 | 80 | 92 | 90 | 75.3 |
| | MIN | 38 | 41 | 51 | 53 | 48 | 45 | 45 | 56 | 60 | 50 | 53 | 38 | 42 | | | 44 | 50 | 60 | 63 | 64 | | | | | 48 | 53 | 41 | 47 | 66 | 65 | 53 | 51.0 |
| MILLVILLE FAA AIRPORT | MAX | 67 | 71 | 80 | 82 | 79 | 72 | 68 | 81 | 70 | 66 | 62 | 65 | 71 | 73 | 70 | 70 | 78 | 78 | 74 | 75 | 72 | 71 | 71 | 65 | 74 | 70 | 69 | 80 | 92 | 90 | 86 | 73.9 |
| | MIN | 43 | 41 | 53 | 54 | 50 | 50 | 46 | 59 | 52 | 51 | 38 | 37 | 38 | 52 | 48 | 45 | 51 | 61 | 64 | 64 | 53 | 51 | 51 | 53 | 53 | 49 | 45 | 48 | 67 | 64 | 56 | 51.2 |
| MOORESTOWN | MAX | 68 | 71 | 80 | 81 | 75 | 74 | 68 | 82 | 72 | 61 | 57 | 63 | 67 | 71 | 73 | 74 | 79 | 75 | 80 | 77 | 74 | 70 | 73 | 65 | 75 | 70 | 72 | 81 | 94 | 89 | 87 | 74.1 |
| | MIN | 44 | 45 | 51 | 54 | 54 | 42 | 43 | 54 | 54 | 48 | 39 | 38 | 43 | 51 | 43 | 43 | 50 | 67 | 62 | 67 | 56 | 49 | 47 | 54 | 54 | 55 | 39 | 49 | 66 | 65 | 53 | 50.9 |

Continued

# DAILY TEMPERATURES

NEW JERSEY
MAY 1969

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | MAX | 59 | 67 | 78 | 83 | 78 | 75 | 74 | 65 | 79 | 67 | 63 | 60 | 63 | 67 | 68 | 72 | 75 | 80 | 79 | 75 | 77 | 71 | 68 | 70 | 66 | 73 | 69 | 69 | 82 | 93 | 88 | 72.7 |
| | MIN | 41 | 39 | 49 | 58 | 48 | 43 | 45 | 52 | 54 | 48 | 52 | 39 | 43 | 45 | 42 | 43 | 52 | 58 | 64 | 65 | 60 | 50 | 50 | 53 | 52 | 51 | 44 | 47 | 53 | 67 | 56 | 50.4 |
| PEMBERTON 3 E | MAX | 68 | 74 | 82 | 80 | 77 | 75 | 69 | 85 | 66 | 65 | 63 | 65 | 68 | 74 | 74 | 75 | 80 | 80 | 75 | 77 | 72 | 67 | 73 | 65 | 74 | 71 | 73 | 82 | 95 | 91 | 88 | 74.9 |
| | MIN | 38 | 37 | 46 | 54 | 46 | 37 | 43 | 53 | 62 | 46 | 52 | 36 | 38 | 39 | 38 | 41 | 49 | 53 | 61 | 64 | 59 | 49 | 46 | 52 | 52 | 51 | 36 | 44 | 62 | 65 | 49 | 48.3 |
| SEABROOK FARMS | MAX | 55 | 67 | 71 | 82 | 81 | 76 | 74 | 71 | 84 | 66 | 64 | 61 | 65 | 70 | 71 | 70 | 72 | 79 | 78 | 73 | 77 | 73 | 72 | 71 | 66 | 75 | 69 | 70 | 80 | 91 | 88 | 73.0 |
| | MIN | 40 | 44 | 51 | 54 | 50 | 45 | 46 | 54 | 62 | 48 | 54 | 40 | 42 | 51 | 45 | 46 | 53 | 62 | 66 | 65 | 61 | 50 | 49 | 54 | 55 | 53 | 42 | 50 | 60 | 62 | 54 | 51.9 |
| SHILOH | MAX | 69 | 69 | 79 | 77 | 77 | 77 | 74 | 83 | 75 | 65 | 65 | 64 | 70 | 71 | 71 | 71 | 78 | 77 | 71 | 77 | 77 | 77 | 72 | 64 | 74 | 74 | 70 | 80 | 93 | 92 | 88 | 74.9 |
| | MIN | 46 | 41 | 49 | 56 | 50 | 44 | 45 | 56 | 59 | 47 | 50 | 41 | 43 | 52 | 45 | 47 | 52 | 60 | 63 | 64 | 60 | 50 | 49 | 53 | 54 | 51 | 43 | 51 | 64 | 68 | 56 | 51.9 |
| TOMS RIVER | MAX | 57 | 65 | 72 | 85 | 77 | 77 | 67 | 64 | 83 | 67 | 65 | 65 | 66 | 69 | 72 | 66 | 79 | 83 | 80 | 77 | 77 | 72 | 65 | 64 | 61 | 72 | 69 | 64 | 83 | 96 | 91 | 72.6 |
| | MIN | 38 | 37 | 48 | 52 | 45 | 35 | 47 | 55 | 59 | 41 | 45 | 38 | 40 | 45 | 36 | 42 | 49 | 59 | 61 | 62 | 62 | 51 | 47 | 53 | 52 | 52 | 36 | 44 | 58 | 65 | 52 | 48.6 |
| TRENTON WB CITY | MAX | 67 | 71 | 81 | 78 | 76 | 74 | 68 | 83 | 74 | 64 | 59 | 63 | 67 | 71 | 72 | 75 | 80 | 78 | 73 | 77 | 73 | 70 | 72 | 65 | 74 | 69 | 71 | 82 | 93 | 88 | 85 | 74.0 |
| | MIN | 45 | 48 | 52 | 63 | 56 | 47 | 47 | 54 | 56 | 49 | 47 | 45 | 47 | 52 | 46 | 52 | 55 | 61 | 66 | 67 | 56 | 52 | 52 | 54 | 54 | 51 | 46 | 53 | 71 | 71 | 63 | 54.1 |
| TUCKERTON | MAX | 63 | 70 | 79 | 74 | 73 | 66 | 62 | 71 | 62 | 66 | 65 | 65 | 70 | 70 | 65 | 66 | 76 | 76 | 72 | 73 | 70 | 66 | 64 | 59 | 69 | 69 | 62 | 83 | 97 | 93 | 84 | 71.0 |
| | MIN | 35 | 43 | 49 | 52 | 47 | 39 | 48 | 55 | 56 | 48 | 52 | 36 | 36 | 49 | 41 | 41 | 51 | 58 | 59 | 60 | 58 | 49 | 45 | 49 | 51 | 52 | 39 | 48 | 65 | 62 | 55 | 49.3 |
| WOODSTOWN | MAX | 70 | 73 | 83 | 87 | 83 | 77 | 76 | 84 | 77 | 68 | 65 | 65 | 71 | 74 | 73 | 74 | 77 | 80 | 75 | 80 | 75 | 74 | 72 | 68 | 76 | 75 | 73 | 81 | 94 | 94 | 89 | 76.9 |
| | MIN | 39 | 40 | 49 | 52 | 51 | 47 | 43 | 52 | 57 | 49 | 49 | 39 | 46 | 47 | 47 | 44 | 46 | 60 | 64 | 65 | 61 | 51 | 49 | 55 | 54 | 53 | 45 | 48 | 64 | 64 | 54 | 51.1 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 62 | 66 | 65 | 70 | 69 | 60 | 60 | 63 | 62 | 66 | 65 | 64 | 68 | 66 | 63 | 62 | 67 | 69 | 65 | 66 | 69 | 62 | 61 | 58 | 65 | 66 | 61 | 73 | 94 | 91 | 80 | 67.0 |
| | MIN | 49 | 51 | 54 | 57 | 55 | 50 | 55 | 57 | 57 | 54 | 51 | 49 | 53 | 55 | 51 | 53 | 58 | 59 | 60 | 60 | 57 | 55 | 55 | 55 | 56 | 56 | 50 | 57 | 68 | 68 | 64 | 55.8 |
| CAPE MAY 1 NW | MAX | 57 | 62 | 67 | 74 | 71 | 69 | 61 | 63 | 67 | 64 | 65 | 63 | 63 | 67 | 70 | 63 | 63 | 71 | 71 | 69 | 70 | 70 | 65 | 60 | 59 | 67 | 67 | 62 | 77 | 89 | 88 | 67.5 |
| | MIN | 42 | 45 | 51 | 56 | 50 | 50 | 46 | 55 | 57 | 52 | 53 | 39 | 49 | 55 | 50 | 50 | 55 | 59 | 60 | 60 | 59 | 52 | 51 | 51 | 52 | 57 | 47 | 52 | 61 | 67 | 58 | 52.9 |
| LONG BRANCH 2S | MAX | 63 | 62 | 83 | 79 | 75 | 68 | 61 | 68 | 65 | 64 | 66 | 65 | 68 | 68 | 64 | 66 | 81 | 78 | 68 | 73 | 69 | 65 | 62 | 60 | 65 | 69 | 62 | 81 | 92 | 89 | 84 | 70.4 |
| | MIN | 40 | 48 | 51 | 58 | 47 | 48 | 46 | 52 | 57 | 48 | 49 | 41 | 44 | 51 | 43 | 45 | 54 | 54 | 57 | 59 | 57 | 51 | 51 | 54 | 51 | 52 | 48 | 49 | 69 | 64 | 57 | 51.5 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | 0 | MAX | 65 | 66 | 67 | 70 | 67 | 65 | 62 | 67 | 67 | 67 | 62 | 66 | 66 | 67 | 72 | 71 | 75 | 76 | 69 | 73 | 74 | 71 | 70 | 67 | 72 | 71 | 71 | 75 | 85 | 84 | 84 | 70.5 |
| | | MIN | 53 | 51 | 55 | 60 | 58 | 53 | 54 | 57 | 61 | 56 | 56 | 53 | 54 | 54 | 54 | 55 | 58 | 61 | 64 | 66 | 64 | 62 | 61 | 63 | 63 | 61 | 57 | 60 | 66 | 69 | 63 | 58.8 |
| | 2 | MAX | 62 | 64 | 64 | 66 | 64 | 63 | 61 | 65 | 64 | 63 | 61 | 63 | 63 | 65 | 68 | 66 | 70 | 81 | 67 | 70 | 72 | 70 | 69 | 66 | 70 | 69 | 68 | 71 | 80 | 80 | 79 | 67.9 |
| | | MIN | 54 | 53 | 56 | 60 | 59 | 55 | 55 | 58 | 62 | 57 | 57 | 54 | 55 | 55 | 55 | 56 | 59 | 62 | 64 | 65 | 65 | 63 | 62 | 63 | 63 | 62 | 59 | 61 | 66 | 69 | 65 | 59.6 |
| | 4 | MAX | 61 | 61 | 63 | 65 | 63 | 62 | 60 | 63 | 63 | 62 | 60 | 61 | 62 | 63 | 65 | 64 | 67 | 68 | 66 | 69 | 70 | 69 | 68 | 66 | 68 | 68 | 67 | 70 | 76 | 77 | 76 | 65.9 |
| | | MIN | 54 | 54 | 57 | 60 | 60 | 57 | 56 | 58 | 62 | 58 | 58 | 55 | 55 | 56 | 56 | 57 | 59 | 62 | 64 | 65 | 65 | 64 | 63 | 63 | 63 | 63 | 60 | 61 | 66 | 69 | 66 | 60.2 |
| | 8 | MAX | 58 | 56 | 60 | 62 | 61 | 60 | 59 | 60 | 61 | 61 | 59 | 59 | 59 | 60 | 61 | 61 | 63 | 64 | 63 | 65 | 67 | 66 | 65 | 64 | 65 | 65 | 65 | 66 | 71 | 71 | 70 | 62.8 |
| | | MIN | 56 | 55 | 56 | 59 | 59 | 57 | 57 | 58 | 60 | 58 | 59 | 58 | 57 | 57 | 57 | 58 | 59 | 61 | 63 | 63 | 64 | 64 | 63 | 63 | 63 | 64 | 61 | 62 | 65 | 68 | 66 | 60.3 |
| | 20 | MAX | 55 | 55 | 55 | 55 | 57 | 57 | 57 | 57 | 58 | 58 | 58 | 57 | 57 | 57 | 57 | 57 | 58 | 59 | 59 | 61 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 63 | 64 | 64 | 59.1 |
| | | MIN | 54 | 54 | 55 | 54 | 55 | 56 | 56 | 56 | 57 | 57 | 57 | 57 | 57 | 56 | 56 | 57 | 57 | 58 | 59 | 59 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 62 | 63 | 64 | 58.2 |
| | 40 | MAX | 52 | 52 | 52 | 53 | 54 | 54 | 54 | 54 | 55 | 55 | 55 | 55 | 55 | 56 | 55 | 55 | 55 | 56 | 56 | 58 | 58 | 58 | 59 | 59 | 59 | 59 | 59 | 59 | 60 | 60 | 60 | 56.2 |
| | | MIN | 52 | 52 | 52 | 52 | 53 | 53 | 54 | 54 | 54 | 54 | 55 | 55 | 55 | 54 | 54 | 55 | 55 | 55 | 56 | 56 | 57 | 57 | 58 | 58 | 58 | 58 | 58 | 58 | 59 | 59 | 60 | 55.5 |
| SUB-STA 2 | 1 | MAX | 76 | 78 | 81 | 83 | 83 | 85 | 75 | 77 | 69 | 71 | 64 | 71 | 68 | 73 | 80 | 77 | 84 | 88 | 75 | 78 | 84 | 85 | 78 | 70 | 78 | 83 | 84 | 86 | 95 | 96 | 95 | 79.7 |
| | | MIN | 46 | 46 | 50 | 60 | 53 | 48 | 51 | 58 | 59 | 51 | 50 | 46 | 48 | 49 | 48 | 50 | 55 | 59 | 64 | 67 | 63 | 57 | 56 | 60 | 59 | 55 | 51 | 55 | 67 | 70 | 64 | 55.3 |
| | 2 | MAX | 73 | 75 | 77 | 80 | 80 | 81 | 73 | 75 | 67 | 69 | 63 | 68 | 68 | 71 | 77 | 75 | 81 | 84 | 73 | 76 | 80 | 79 | 76 | 69 | 76 | 81 | 81 | 83 | 92 | 93 | 92 | 77.0 |
| | | MIN | 47 | 47 | 51 | 61 | 55 | 49 | 52 | 58 | 60 | 52 | 52 | 47 | 49 | 49 | 49 | 51 | 56 | 60 | 65 | 67 | 64 | 58 | 57 | 60 | 60 | 57 | 53 | 56 | 67 | 71 | 65 | 56.3 |
| | 4 | MAX | 66 | 66 | 69 | 72 | 72 | 72 | 68 | 68 | 65 | 64 | 60 | 62 | 63 | 65 | 69 | 68 | 73 | 75 | 70 | 72 | 75 | 73 | 71 | 66 | 71 | 73 | 74 | 76 | 83 | 85 | 84 | 70.6 |
| | | MIN | 51 | 51 | 54 | 62 | 58 | 54 | 57 | 59 | 62 | 55 | 56 | 51 | 52 | 53 | 52 | 55 | 58 | 62 | 65 | 66 | 65 | 60 | 60 | 61 | 61 | 60 | 57 | 59 | 68 | 72 | 68 | 58.8 |
| | 8 | MAX | 60 | 60 | 62 | 65 | 65 | 65 | 63 | 64 | 63 | 62 | 59 | 59 | 59 | 60 | 62 | 62 | 66 | 68 | 66 | 68 | 69 | 67 | 67 | 64 | 66 | 68 | 67 | 69 | 75 | 76 | 76 | 65.2 |
| | | MIN | 54 | 54 | 55 | 61 | 60 | 59 | 60 | 60 | 62 | 59 | 59 | 58 | 55 | 56 | 56 | 58 | 60 | 62 | 65 | 65 | 65 | 63 | 62 | 62 | 63 | 63 | 60 | 62 | 67 | 71 | 69 | 60.8 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# EVAPORATION AND WIND

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | EVAP | .04 | .16 | .22 | .16 | .14 | .34 | .14 | .18 | .02 | .08 | .10 | .23 | .17 | .12 | .05 | .26 | .22 | .31 | .08 | .16 | .13 | .21 | .15 | .06 | .24 | .10 | .24 | .06 | .21 | .26 | .42 | 5.26 |
| | WIND | 12 | 25 | 65 | 61 | 10 | 28 | 23 | 50 | 64 | 75 | 114 | 7 | 82 | 40 | 7 | 28 | 79 | 89 | 108 | 95 | 45 | 36 | 57 | 18 | 30 | 45 | 28 | 47 | 92 | 17 | 26 | 1503 |
| | MAX | 59 | 76 | 77 | 76 | 85 | 82 | 80 | 65 | 71 | 73 | 73 | 66 | 70 | 68 | 70 | 81 | 77 | 82 | 81 | 72 | 77 | 82 | 79 | 72 | 66 | 78 | 83 | 82 | 82 | 96 | 92 | 76.5 |
| | MIN | 48 | 47 | 49 | 48 | 57 | 46 | 46 | 51 | 54 | 48 | 49 | 44 | 45 | 47 | 48 | 50 | 52 | 44 | 47 | 62 | 50 | 42 | 42 | 54 | 56 | 54 | 47 | 53 | 61 | 66 | 60 | 50.5 |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | EVAP | .05 | .19 | .32 | .19 | .23 | .22 | .23 | .17 | .13 | .22 | .23 | .20 | .21 | .18 | .11 | .26 | .25 | .30 | .29 | .08 | .13 | .21 | .23 | .23 | .07 | .14 | .32 | .23 | .34 | .37 | .44 | 6.77 |
| | WIND | 34 | 40 | 127 | 49 | 38 | 64 | 44 | 64 | 109 | 133 | 114 | 91 | 93 | 72 | 37 | 56 | 125 | 128 | 123 | 115 | 69 | 55 | 56 | 54 | 37 | 58 | 59 | 71 | 136 | 103 | 73 | 2427 |
| | MAX | 60 | 77 | 79 | 81 | 86 | 83 | 80 | 71 | 75 | 67 | 70 | 63 | 70 | 69 | 72 | 81 | 77 | 82 | 84 | 76 | 79 | 84 | 81 | 79 | 67 | 78 | 80 | 79 | 82 | 93 | 90 | 77.3 |
| | MIN | 47 | 47 | 48 | 61 | 53 | 44 | 44 | 48 | 55 | 48 | 52 | 43 | 45 | 48 | 49 | 49 | 50 | 57 | 61 | 62 | 62 | 54 | 54 | 55 | 57 | 52 | 49 | 47 | 51 | 66 | 58 | 52.1 |
| PEMBERTON 3 E | EVAP | .09 | .17 | .21 | .21 | .20 | .19 | .15 | .18 | .09 | .15 | .18 | .14 | .14 | .12 | .17 | .22 | .22 | .20 | .19 | .05 | .16 | .23 | .22 | .10 | .15 | .16 | .18 | .18 | .30 | .31 | .30 | 5.56 |
| | WIND | 12 | 21 | 35 | 24 | 19 | 17 | 48 | 52 | 52 | 30 | 50 | 28 | 17 | 13 | 32 | 31 | 40 | 43 | 75 | 60 | 20 | 56 | 30 | 12 | 8 | 19 | 23 | 23 | 29 | 13 | 19 | 951 |
| SEABROOK FARMS | EVAP | .06 | .22 | .27 | * | .54 | .32 | .27 | .24 | .20 | .16 | * | .50 | .20 | .20 | .11 | .26 | .30 | * | .57 | .11 | .24 | .23 | .31 | .18 | .04 | .15 | .25 | .27 | .20 | .41 | .25 | 7.06 |
| | MAX | 57 | 78 | 73 | - | 86 | 82 | 80 | 76 | 80 | 66 | - | 74 | 72 | 73 | 75 | 81 | 77 | - | 83 | 75 | 82 | 85 | 81 | 72 | 67 | 82 | 82 | 82 | 85 | 93 | 87 | 78.1 |
| | MIN | 45 | 46 | 52 | - | 51 | 51 | 49 | 51 | 58 | 49 | - | 46 | 46 | 50 | 51 | 51 | 66 | - | 57 | 62 | 62 | 55 | 65 | 56 | 55 | 55 | 52 | 51 | 54 | 64 | 64 | 54.1 |

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES |  |  |  | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) |  |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 |  |  |  | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID |  | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P |  |  | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 |  | 9A |  | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P |  |  | BELLEPLAIN STATE FOREST |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 |  | 7A |  |  | CLOSED 3/20/69 |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A |  | H | CLEMENT HAURT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 |  | 7A |  |  | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 |  | 7A |  |  | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A |  |  | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 |  | 7A |  |  | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P |  |  | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 |  | 8A |  |  | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A |  | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 |  | 9A |  |  | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A |  | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 |  |  |  | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A |  | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P |  |  | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 |  | 8A |  |  | ANDREW F DROPPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P |  |  | HAROLD DUFLOCQ |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P |  |  | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A |  | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A |  | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 |  | 7A |  |  | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A |  | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A |  | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 |  | 7A |  |  | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A |  |  | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A |  |  | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P |  | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P |  | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID |  |  | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P |  | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A |  |  | CHARLES KOONS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A |  | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P |  | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A |  | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 |  |  |  | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 |  | 7A |  |  | ROBERT G. GLASGOW |
| MANVILLE | 5197 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | CLOSED 3/21/69 |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 |  |  |  | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 |  | 9A |  | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 |  | MID |  |  | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 9A | 9A |  | H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID |  | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 |  | 7A |  |  | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A |  | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A |  | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 |  | MID |  | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A |  | C H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 |  | 8A |  |  | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A |  | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A |  | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 |  | 7A |  |  | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P |  | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 |  | 8A |  |  | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 |  | MID |  |  | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 |  | MID |  | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 |  | 10A |  |  | NO. JERSEY WTR. SUPPLY |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P |  |  | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P |  | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 |  | 10A |  |  | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 |  |  |  | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A |  |  | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A |  |  | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P |  |  | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 |  | 8A |  | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 |  |  |  | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 |  | 7A |  |  | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 |  | 7A |  |  | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 |  | MID |  | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P |  |  | CREAM VALLEY DAIRY |
| CLOSED STATIONS |  |  |  |  |  |  |  |  |  |  |  |  |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 |  | 7A |  |  | CLOSED 3/20/69 |
| MANVILLE | 5197 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | CLOSED 3/21/69 |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are· Temperature in °F, precipitation and evaporation in inches and wind movement in miles, Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7·00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL· Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES· Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES. Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground, however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

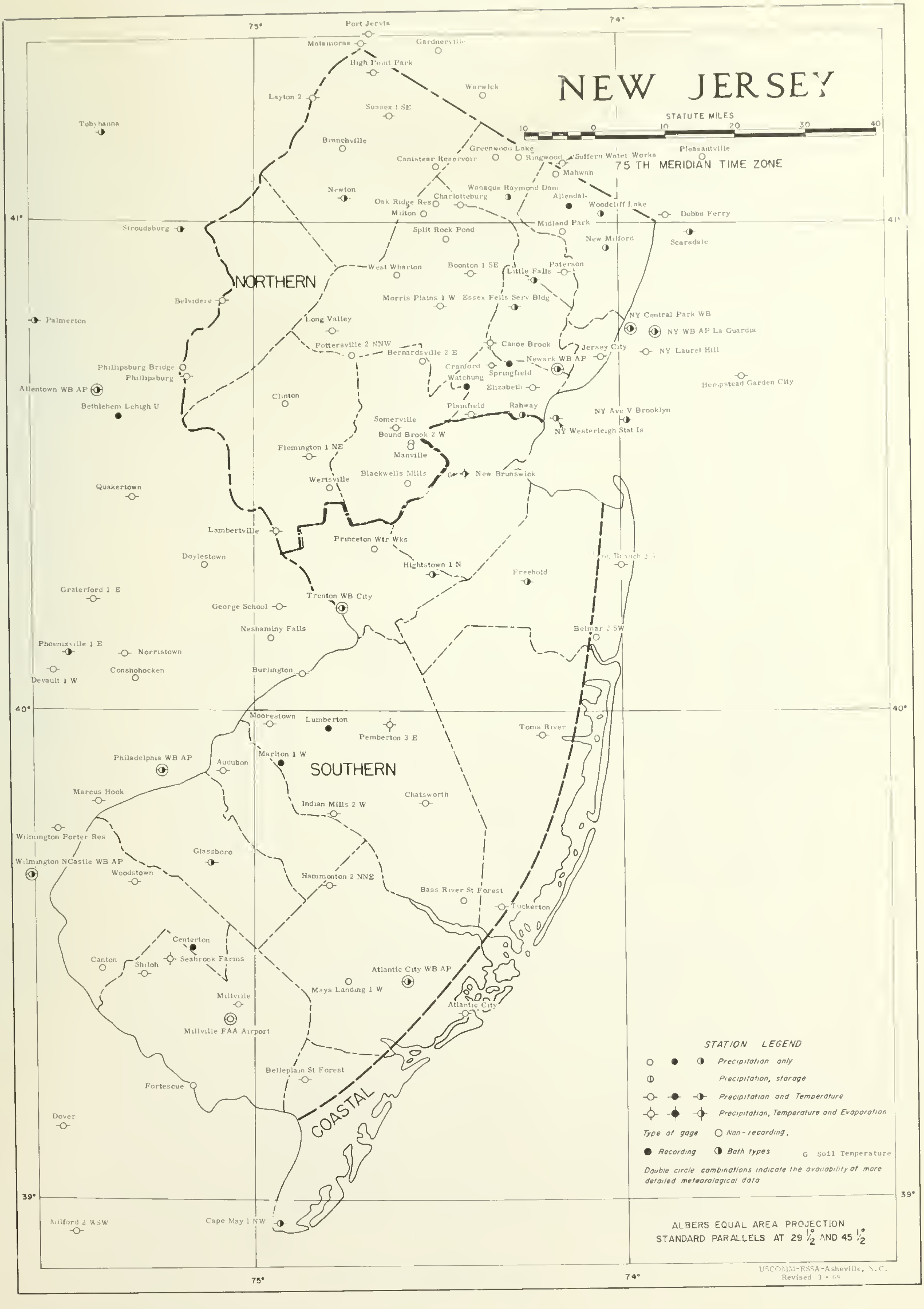
General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above

Subscription Price· 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE - 7/2/69-880


NEW JERSEY
STATUTE MILES
10 0 10 20 30 40
75 TH MERIDIAN TIME ZONE
75°
74°
41°
40°
39°
NORTHERN
SOUTHERN
COASTAL
Port Jervis
Matamoras
Gardnersville
High Point Park
Layton 2
Sussex 1 SE
Warwick
Tobyhanna
Branchville
Greenwood Lake
Canistear Reservoir
Ringwood
Suffern Water Works
Mahwah
Pleasantville
Wanaque Raymond Dam
Newton
Charlotteburg
Allendale
Oak Ridge Res
Milton
Woodcliff Lake
Dobbs Ferry
Stroudsburg
Midland Park
Split Rock Pond
New Milford
Scarsdale
West Wharton
Boonton 1 SE
Paterson
Little Falls
Belvidere
Morris Plains 1 W
Essex Fells Serv Bldg
Palmerton
Long Valley
NY Central Park WB
NY WB AP La Guardia
Canoe Brook
Jersey City
NY Laurel Hill
Pottersville 2 NNW
Bernardsville 2 E
Phillipsburg Bridge
Phillipsburg
Cranford
Springfield
Newark WB AP
Watchung
Hempstead Garden City
Allentown WB AP
Elizabeth
Clinton
Bethlehem Lehigh U
Plainfield
Rahway
NY Ave V Brooklyn
NY Westerleigh Stat Is
Somerville
Bound Brook 2 W
Flemington 1 NE
Manville
Blackwells Mills
New Brunswick
Wertsville
Quakertown
Lambertville
Princeton Wtr Wks
Long Branch 2 S
Doylestown
Hightstown 1 N
Freehold
Graterford 1 E
Trenton WB City
George School
Neshaminy Falls
Belmar 2 SW
Phoenixville 1 E
Norristown
Conshohocken
Burlington
Devault 1 W
Moorestown
Lumberton
Pemberton 3 E
Toms River
Philadelphia WB AP
Audubon
Marlton 1 W
Marcus Hook
Chatsworth
Indian Mills 2 W
Wilmington Porter Res
Glassboro
Wilmington NCastle WB AP
Woodstown
Hammonton 2 NNE
Bass River St Forest
Tuckerton
Centerton
Canton
Shiloh
Seabrook Farms
Atlantic City WB AP
Mays Landing 1 W
Millville
Atlantic City
Millville FAA Airport
Belleplain St Forest
Fortescue
Dover
Milford 2 WSW
Cape May 1 NW
STATION LEGEND
○ ● ◑ Precipitation only
⦶ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording ◑ Both types
G Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
USCOMM-ESSA-Asheville, N.C.
Revised 3 - 69

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# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
JUNE 1969
Volume 74 No. 6

THE LIBRARY OF THE
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UNIVERSITY OF ILLINOIS

## CLIMATOLOGICAL DATA

| Station | Temperature: Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | No. of Days Max. 90° or Above | Max. 32° or Below | Min. 32° or Below | Min. 0° or Below | Precipitation: Total | Departure From Normal | Greatest Day | Date | Snow, Sleet: Total | Max. Depth on Ground | Date | No. of Days .10 or More | .50 or More | 1.00 or More |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 79.2 | 56.3 | 67.8 | - 2.8 | 92 | 29 | 43 | 4 | 33 | 1 | 0 | 0 | 0 | 4.59 | .15 | 1.30 | 3 | .0 | 0 | | 8 | 3 | 3 |
| BOONTON 1 SE | 79.0 | 56.9 | 68.0 | .1 | 91 | 29 | 42 | 4 | 29 | 1 | 0 | 0 | 0 | 5.53 | 1.64 | 2.38 | 16 | .0 | 0 | | 9 | 2 | 2 |
| CANOE BROOK | 79.6 | 57.4 | 68.5 | .5 | 94 | 29 | 45 | 4 | 21 | 1 | 0 | 0 | 0 | 5.57 | 1.54 | 1.51 | 15 | .0 | 0 | | 8 | 5 | 2 |
| CHARLOTTEBURG | 77.1 | 54.5 | 65.8 | - .7 | 90 | 29 | 41 | 4 | 49 | 1 | 0 | 0 | 0 | 3.80 | - .44 | 1.34 | 15 | .0 | 0 | | 7 | 2 | 2 |
| CRANFORD | 83.4 | 59.3 | 71.4 | | 95 | 28 | 45 | 4 | 6 | 3 | 0 | 0 | 0 | 3.24 | | .65 | 16 | .0 | 0 | | 9 | 3 | 0 |
| ELIZABETH | 82.1 | 61.2 | 71.7 | .9 | 95 | 28 | 49 | 4 | 4 | 4 | 0 | 0 | 0 | 2.71 | - 1.05 | .70 | 14 | .0 | 0 | | 6 | 2 | 0 |
| ESSEX FELLS SERV BLDG | 80.0 | 58.6 | 69.3 | | 94 | 29 | 45 | 4 | 14 | 1 | 0 | 0 | 0 | 3.21 | | 1.45 | 16 | .0 | 0 | | 7 | 2 | 1 |
| FLEMINGTON 1 NE | 81.7 | 57.6 | 69.7 | - .9 | 96 | 29 | 40 | 4 | 19 | 4 | 0 | 0 | 0 | 4.84 | 1.04 | 1.83 | 15 | .0 | 0 | | 7 | 2 | 2 |
| HIGH POINT PARK | M | 50.4M | M | | 88 | 29 | 40 | 4 | | 0 | 0 | 0 | 0 | 3.48 | | | | .0 | 0 | | | | |
| JERSEY CITY | 77.6 | 64.3 | 71.0 | .9 | 95 | 28 | 56 | 4 | 1 | 1 | 0 | 0 | 0 | 1.78 | - 1.67 | .82 | 15 | .0 | 0 | | 3 | 1 | 0 |
| LAMBERTVILLE | 84.2 | 60.1 | 72.2 | 2.1 | 96 | 28 | 46 | 4 | 7 | 5 | 0 | 0 | 0 | 4.04 | .20 | 1.13 | 9 | .0 | 0 | | 8 | 3 | 1 |
| LAYTON 2 | 77.7 | 54.2 | 66.0 | | 93 | 29 | 41 | 4 | 55 | 1 | 0 | 0 | 0 | 4.36 | | 1.70 | 16 | .0 | 0 | | 6 | 4 | 2 |
| LITTLE FALLS | 81.8 | 59.9 | 70.9 | 1.2 | 96 | 29 | 47 | 4 | 6 | 3 | 0 | 0 | 0 | 3.37 | - .88 | 1.38 | 16 | .0 | 0 | | 7 | 1 | 1 |
| LONG VALLEY | 77.6 | 54.1 | 65.9 | | 92 | 29 | 37 | 5 | 54 | 1 | 0 | 0 | 0 | 2.16 | - 1.97 | .62 | 3 | .0 | 0 | | 5 | 2 | 0 |
| MORRIS PLAINS 1 W | 80.0 | 56.2 | 68.1 | | 95 | 29 | 41 | 4 | 30 | 1 | 0 | 0 | 0 | 7.77 | | 2.82 | 16 | .0 | 0 | | 9 | 4 | 2 |
| NEWARK WB AIRPORT R | 80.6 | 64.9 | 72.8 | 1.5 | 96 | 28 | 53 | 4 | 2 | 3 | 0 | 0 | 0 | 2.53 | - .91 | .84 | 15 | .0 | 0 | | 7 | 1 | 0 |
| NEWTON | 80.2 | 55.3 | 67.8 | .4 | 93 | 29 | 40 | 4 | 35 | 2 | 0 | 0 | 0 | 3.56 | - .74 | .83 | 16 | .0 | 0 | | 7 | 4 | 0 |
| PATERSON | 82.9M | 61.7M | 72.3M | 1.6 | 97 | 29 | 50 | 4 | 0 | | 0 | 0 | 0 | 3.14 | - 1.07 | 1.37 | 16 | .0 | 0 | | | 1 | 1 |
| PHILLIPSBURG | 84.1 | 59.2 | 71.7 | 1.7 | 96 | 29 | 45 | 4 | 6 | 5 | 0 | 0 | 0 | 3.36 | - .90 | 1.15 | 16 | .0 | 0 | | 6 | 2 | 2 |
| PLAINFIELD | 82.5 | 59.7 | 71.1 | 1.2 | 97 | 28 | 46 | 4 | 8 | 5 | 0 | 0 | 0 | 2.67 | - 1.66 | .93 | 15 | .0 | 0 | | 6 | 2 | 0 |
| SOMERVILLE | 83.8 | 59.0 | 71.4 | 1.6 | 96 | 28 | 45 | 4 | 7 | 7 | 0 | 0 | 0 | 2.98 | - .90 | .89 | 14 | .0 | 0 | | 6 | 3 | 0 |
| SUSSEX 1 SE | 78.7M | 52.4M | 65.6M | - 2.9 | 94 | 29 | 38 | 4 | 64 | 1 | 0 | 0 | 0 | 3.89 | - .20 | 1.39 | 16 | .0 | 0 | | 6 | 4 | 1 |
| DIVISION | | | 69.5 | .3 | | | | | | | | | | 3.75 | - .26 | | | .0 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 81.7 | 57.2 | 69.5 | - .5 | 106 | 28 | 42 | 10 | 29 | 6 | 0 | 0 | 0 | 1.42 | - 1.41 | .47 | 25 | .0 | 0 | | 5 | 0 | 0 |
| AUDUBON | 84.7 | 62.3 | 73.5 | | 97 | 28 | 51 | 4 | 1 | 7 | 0 | 0 | 0 | 8.96 | | 2.33 | 23 | .0 | 0 | | 8 | 6 | 4 |
| BELLEPLAIN ST FOREST | 84.9 | 59.6 | 72.3 | | 98 | 28 | 43 | 4 | 11 | 6 | 0 | 0 | 0 | 1.37 | - 2.02 | .46 | 15 | .0 | 0 | | 4 | 0 | 0 |
| BURLINGTON | 86.4 | 63.4 | 74.9 | 2.1 | 98 | 30 | 45 | 6 | 2 | 7 | 0 | 0 | 0 | 5.15 | 1.50 | 1.73 | 15 | .0 | 0 | | 7 | 5 | 1 |
| CHATSWORTH | 83.5 | 58.8 | 71.2 | | 96 | 28 | 43 | 4 | 10 | 6 | 0 | 0 | 0 | 5.77 | | 2.07 | 24 | .0 | 0 | | 8 | 6 | 1 |
| FREEHOLD | 80.1 | 59.3 | 69.7 | - .5 | 93 | 29 | 45 | 4 | 8 | 2 | 0 | 0 | 0 | 6.00 | 2.32 | 2.46 | 15 | .0 | 0 | | 7 | 5 | 1 |
| GLASSBORO | 83.7 | 59.8M | 71.8M | | 96 | 29 | 49 | 10 | 3 | 4 | 0 | 0 | 0 | 3.61 | | 1.24 | 16 | .0 | 0 | | 5 | 4 | 1 |
| HAMMONTON 2 NNE | 85.3 | 61.4 | 73.4 | 1.8 | 100 | 29 | 51 | 10+ | 1 | 10 | 0 | 0 | 0 | 3.29 | - .66 | .95 | 25 | .0 | 0 | | 7 | 3 | 0 |
| HIGHTSTOWN 1 N | 82.5 | 59.6 | 71.1 | 1.2 | 95 | 28 | 46 | 4 | 7 | 5 | 0 | 0 | 0 | 4.24 | .41 | 1.34 | 15 | .0 | 0 | | 7 | 3 | 1 |
| INDIAN MILLS 2 W | 83.0 | 59.1 | 71.1 | .9 | 96 | 28 | 43 | 4 | 10 | 4 | 0 | 0 | 0 | 5.92 | 2.02 | 2.65 | 23 | .0 | 0 | | 7 | 4 | 2 |
| MILLVILLE | 84.2 | 61.8 | 73.0 | | 97 | 29 | 50 | 10+ | 4 | 6 | 0 | 0 | 0 | 2.34 | | 1.42 | 16 | .0 | 0 | | 4 | 1 | 1 |
| MILLVILLE FAA AIRPORT | 81.7 | 61.9 | 71.8 | | 98 | 28 | 49 | 10+ | 8 | 2 | 0 | 0 | 0 | 1.81 | | 1.49 | 15 | .0 | 0 | | 2 | 1 | 1 |
| MOORESTOWN | 82.9 | 61.6 | 72.3 | 2.1 | 95 | 28 | 49 | 4 | 3 | 2 | 0 | 0 | 0 | 6.95 | 3.39 | | | .0 | 0 | | | | |
| NEW BRUNSWICK | 80.5 | 59.6 | 70.1 | | 94 | 29 | 47 | 4 | 6 | 2 | 0 | 0 | 0 | 3.03 | | .70 | 9 | .0 | 0 | | 6 | 3 | 0 |
| PEMBERTON 3 E | 84.1 | 59.3 | 71.7 | .7 | 96 | 28 | 45 | 4 | 6 | 9 | 0 | 0 | 0 | 3.94 | .24 | .91 | 24 | .0 | 0 | | 6 | 5 | 0 |
| SEABROOK FARMS | 82.6 | 62.4 | 72.5 | | 96 | 29 | 51 | 10+ | 3 | 2 | 0 | 0 | 0 | 2.57 | | 1.28 | 16 | .0 | 0 | | 4 | 2 | 1 |
| SHILOH | 83.0 | 62.1 | 72.6 | .9 | 95 | 28 | 52 | 10+ | 2 | 2 | 0 | 0 | 0 | 2.98 | - .43 | 1.08 | 15 | .0 | 0 | | 7 | 2 | 1 |
| TOMS RIVER | 81.2 | 59.8 | 70.5 | | 98 | 29 | 46 | 4 | 10 | 5 | 0 | 0 | 0 | 3.46 | | .84 | 24 | .0 | 0 | | 6 | 4 | 0 |
| TRENTON WB CITY R | 81.2 | 63.6 | 72.4 | 1.4 | 95 | 28 | 55 | 4 | 1 | 2 | 0 | 0 | 0 | 5.09 | 1.49 | 2.04 | 14 | .0 | 0 | | 7 | 4 | 1 |
| TUCKERTON | 80.2 | 60.1 | 70.2 | | 94 | 28 | 44 | 4 | 11 | 2 | 0 | 0 | 0 | 2.39 | | .86 | 23 | .0 | 0 | | 6 | 2 | 0 |
| WOODSTOWN | 85.2 | 61.2 | 73.2 | | 97 | 28 | 50 | 10+ | 2 | 6 | 0 | 0 | 0 | 3.17 | | .88 | 25 | .0 | 0 | | 5 | 4 | 0 |
| DIVISION | | | 71.8 | 1.1 | | | | | | | | | | 3.97 | .35 | | | .0 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 75.9 | 65.7 | 70.8 | 1.8 | 89 | 29 | 58 | 10+ | 2 | 0 | 0 | 0 | 0 | 1.64 | - 1.40 | 1.10 | 15 | | | | 3 | 1 | 1 |
| CAPE MAY 1 NW | 77.6 | 63.1 | 70.4 | | 88 | 30 | 53 | 4 | 3 | 0 | 0 | 0 | 0 | 1.60 | | .70 | 16 | .0 | 0 | | 5 | 1 | 0 |
| LONG BRANCH 2S | 77.8 | 61.3 | 69.6 | .5 | 92 | 28 | 49 | 4 | 7 | 1 | 0 | 0 | 0 | 5.05 | 1.64 | 1.21 | 14 | .0 | 0 | | 7 | 5 | 1 |
| DIVISION | | | 70.3 | .9 | | | | | | | | | | 2.76 | - .31 | | | .0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>ATLANTIC CITY WB AP | 106 | DATE | 28 |
| LOWEST TEMPERATURE<br>LONG VALLEY | 37 | DATE | 05 |
| GREATEST TOTAL PRECIPITATION<br>AUDUBON | 8.96 | | |
| LEAST TOTAL PRECIPITATION<br>BELLEPLAIN ST FOREST | 1.37 | | |
| GREATEST 1 DAY PRECIPITATION<br>MAHWAH | 3.38 | DATE | 16 |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

NEW JERSEY
JUNE 1969

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 4.59 | | | 1.30 | .02 | | | .20 | | .12 | | | | | .19 | 1.00 | 1.19 | | | .39 | | | | .18 | T | T | | | | | | |
| BERNARDSVILLE 2 E | 5.06 | | .64 | .54 | | | | .09 | | .32 | | | | | 1.43 | .02 | 1.58 | | | .04 | | | | .13 | .15 | | .12 | | | | | |
| BLACKWELLS MILLS | 2.10 | | .01 | .47 | | | | | | .60 | | | | | | .16 | .40 | | .06 | | | | .05 | .04 | .15 | .15 | .01 | | | | | |
| BOONTON 1 SE | 5.53 | | .31 | .39 | | | | .02 | | .30 | | | | | .28 | 1.47 | 2.38 | | | .14 | | | | .13 | .11 | | | | | | | |
| BOUND BROOK 2 W | 3.04 | | .01 | .53 | | | | | | .51 | | | | | T | 1.03 | .39 | | | .40 | | | | .05 | .03 | .09 | T | | | | | |
| BRANCHVILLE | 4.45 | | | .78 | .02 | | | .11 | | .04 | | | | | .02 | .55 | 2.00 | | | .67 | | | | .20 | .03 | T | .03 | | | | | |
| CANISTEAR RESERVOIR | 4.44 | | | .47 | T | | | .22 | | .06 | | | | | .03 | 1.43 | 1.20 | | | .78 | | | | .18 | .07 | | | | | | | |
| CANOE BROOK | 5.57 | | .72 | .50 | | | | .08 | | .59 | | | | | .39 | 1.51 | 1.33 | | | .07 | | | | .16 | .09 | .12 | .01 | | | | | |
| CHARLOTTEBURG | 3.80 | | | .46 | T | | | | | .19 | | | | | .04 | 1.34 | 1.04 | | | .44 | | | | .18 | .11 | | T | | | | | |
| CLINTON | 2.53 | | | | | | | | | .72 | | | | | | * | 1.07 | | | | | | | .05 | .22 | .47 | | T | | | | |
| CRANFORD | 3.24 | | .25 | .34 | | | | .10 | | .33 | | | | | .52 | .54 | .65 | | T | .06 | | | | .16 | .04 | .25 | | | | | | |
| ELIZABETH | 2.71 | | .08 | .30 | | | | | | .46 | | | | | .70 | .02 | .65 | | | .07 | | | | .12 | T | .31 | T | | | | | |
| ESSEX FELLS SERV BLDG | 3.21 | | .15 | .70 | | | | .02 | | .28 | | | | | .09 | .22 | 1.45 | | | .02 | | | | .16 | .12 | | | | | | | |
| FLEMINGTON 1 NE | 4.84 | | | .48 | | | | .02 | | .49 | | | | | T | 1.83 | 1.53 | | | .10 | | | | .11 | .08 | .09 | .11 | | | | | |
| GREENWOOD LAKE | 2.85 | | | .48 | | | | .17 | | .05 | | | | | .03 | .55 | .67 | | | .62 | | | | .17 | .08 | .01 | .02 | | | | | |
| HIGH POINT PARK | 3.48 | | | .77 | | | | T | | | | | | | .04 | * | 1.87 | | | .57 | | | | * | * | .23 | | | | | | |
| JERSEY CITY | 1.78 | | .21 | .02 | | | .09 | | | .07 | | | | .02 | T | .82 | T | | | .09 | | | | .09 | | .37 | | | | | | |
| LAMBERTVILLE | 4.04 | | .28 | .38 | | | | | | 1.13 | | | | | .90 | .80 | .15 | | T | | | T | | .06 | .21 | .13 | | | | | | |
| LAYTON 2 | 4.36 | | | 1.05 | T | | | .51 | | .01 | | | | | .07 | .13 | 1.70 | | | .61 | | | | .23 | .03 | .02 | T | | | | | |
| LITTLE FALLS | 3.37 | | .38 | .39 | | | | .05 | | .31 | | | | | .16 | .49 | 1.38 | | | .03 | | | | .13 | .05 | T | | | | | | |
| LONG VALLEY | 2.16 | | | .62 | | | | | | .36 | | | | | | .09 | .55 | | | .29 | | T | | .18 | .05 | .02 | | | | | | |
| MAHWAH | 5.87 | | | .57 | | | | .23 | | .15 | | | | | .38 | .61 | 3.38 | | | .35 | | | | .12 | .06 | | .02 | | | | | |
| MIDLAND PARK | 3.50 | | .08 | .46 | | | .07 | | | .26 | | | | .62 | .15 | 1.46 | .04 | | .12 | .08 | | | | .16 | | | | | | | | |
| MILTON | 5.52 | | | .48 | | | | .17 | | .14 | | | | | .10 | 2.70 | 1.07 | | | .62 | | | | .16 | .08 | | | | | | | |
| MORRIS PLAINS 1 W | 7.77 | | .34 | .56 | | | | .05 | | .20 | | | T | | .92 | 2.52 | 2.82 | | | .10 | | | | .13 | .13 | T | | T | | | | |
| NEWARK WB AIRPORT R | 2.53 | | .17 | .19 | | | .04 | | T | .36 | | | | T | .42 | .84 | .02 | | T | .08 | | | | .15 | T | .26 | | | | | | |
| NEW MILFORD | 2.36 | | .34 | .22 | | | | .02 | | .26 | | | | .06 | .10 | 1.18 | | | | .06 | | | | .09 | .03 | | | | | | | |
| NEWTON | 3.56 | | | .78 | | | | .10 | | .04 | | | | | .12 | .75 | .83 | | | .74 | | | | .14 | .06 | T | | | | | | |
| OAK RIDGE RESERVOIR | 5.58 | | | .48 | | | | .16 | | .14 | | | | | .03 | 2.92 | 1.02 | | | .58 | | | | .12 | .11 | .02 | | | | | | |
| PATERSON | 3.14 | | .40 | .22 | | | | .01 | | .30 | | | | | .13 | .30 | 1.37 | | | .07 | | | * | .34 | | | | | | | | |
| PHILLIPSBURG | 3.36 | | | 1.12 | | | | | | .40 | | | | | .02 | .22 | 1.15 | | | .18 | | | | .27 | | | | | | | | |
| PHILLIPSBURG BRIDGE | 3.87 | | | 1.41 | | | | | | .35 | | | | | | .08 | 1.50 | | | .30 | | | | | .23 | | | | | | | |
| PLAINFIELD | 2.67 | | .01 | .44 | | | | T | | .58 | | | T | | .20 | .93 | .08 | | T | .09 | | T | T | .13 | .02 | .19 | | | | | | |
| POTTERSVILLE 2 NNW | 3.26 | | | .44 | | | | .08 | | .44 | | | | | T | .85 | .95 | | | .23 | | | | .07 | .08 | .02 | .10 | | T | | | |
| RAHWAY | 2.89 | | .12 | .33 | | | .02 | | | .82 | | | | | .03 | .62 | .02 | | | T | | .04 | | .08 | .05 | .76 | | | | | | |
| RINGWOOD | 3.51 | | | .38 | | | | | | .04 | | | | | .02 | 1.25 | 1.12 | | | .57 | | | | .13 | T | T | | | | | | |
| SOMERVILLE | 2.98 | | .12 | .59 | | | | | | .52 | | | | | .89 | .25 | .44 | | .02 | | | | | .09 | | .06 | | | | | | |
| SPLIT ROCK POND | 5.14 | | | .48 | | | | .10 | | .23 | | | | | .35 | 1.87 | 1.55 | | | .28 | | | | .18 | .10 | | | | | | | |
| SUSSEX 1 SE | 3.89 | | | .60 | | | | .21 | | .01 | | | | | .04 | .55 | 1.39 | | | .77 | | | | .23 | .04 | T | .05 | | | | | |
| WANAQUE RAYMOND DAM | 5.08 | | | .36 | | | | .31 | | .22 | | | | | .30 | .41 | 3.00 | | | .30 | | | | .13 | .05 | T | | | | | | |
| WERTSVILLE | 2.63 | | .14 | .57 | | | | .02 | | .53 | | | | | T | .47 | .60 | | T | .04 | | | | .07 | .13 | .05 | .01 | | | | | |
| WEST WHARTON | 3.00 | | | .51 | | | | | | .18 | | | | | | .60 | 1.14 | | | .34 | | | | .16 | .07 | | | | | | | |
| WOODCLIFF LAKE | 2.94 | | .22 | | | | | .13 | | .40 | | | | .17 | .20 | 1.34 | .20 | | | .13 | | | | .15 | | | | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 1.42 | | | .04 | | | | | | | | | | | .16 | .39 | T | | .18 | T | | | | .14 | | .47 | | | .04 | | | |
| AUDUBON | 8.96 | | | .50 | | | | | | .21 | | | | | 1.46 | 2.17 | | | .17 | .62 | | | | 2.33 | | 1.50 | | | | | | |
| BASS RIVER ST FOREST | 3.86 | | | .01 | | | | | | T | | | | | | .05 | .44 | | | .43 | | | | | 1.51 | 1.35 | | | | .07 | | |
| BELLEPLAIN ST FOREST | 1.37 | | | .10 | | | | | | .02 | | | | | T | .46 | .43 | | T | .36 | | | | | | | | | | | | |
| BURLINGTON | 5.15 | | | .50 | | | | | | .40 | | | | | .80 | 1.73 | | | .09 | .79 | | | | .13 | | .71 | | | | | | |
| CANTON | 2.36 | | | .54 | | | | | | | | | | | | | .69 | | | .81 | | | | .02 | | | | | | .30 | | |
| CHATSWORTH | 5.77 | | | .10 | | | | | | .25 | | | | | .62 | .64 | .74 | | | .52 | | | | | 2.07 | .83 | | | | | | |
| FORTESCUE | 1.40 | | | | | | | | | | | | | | | .35 | 1.05 | | | | | | | | | | | | | | | |
| FREEHOLD | 6.00 | | .29 | .09 | | | | | | .51 | | | | T | | 2.46 | .75 | | | .73 | | | | T | .87 | .30 | | | | | | |
| GLASSBORO | 3.61 | | | .55 | | | | | | .17 | | | | | | | 1.24 | | | .86 | | | | T | .01 | .76 | .02 | | | | | |
| HAMMONTON 2 NNE | 3.29 | | | .12 | | | | | | .11 | | | | | | .15 | .94 | | | .67 | | | | .01 | .01 | .95 | .01 | | | .32 | | |
| HIGHTSTOWN 1 N | 4.24 | | | .45 | | | | T | | .56 | | | | | .42 | 1.34 | | | .01 | .42 | | | | .05 | .30 | .69 | | | | | | |
| INDIAN MILLS 2 W | 5.92 | | | .16 | | | | | | .16 | | | | | .04 | .63 | .19 | | .03 | .81 | | | | 2.65 | | 1.25 | | | | | | |
| MAYS LANDING 1 W | 1.92 | | | .07 | | | | | | | | | | | | .37 | .69 | | | .16 | | | | | .10 | .53 | | | | T | | |
| MILLVILLE | 2.34 | | | .05 | | | | | | T | | | | | | .11 | 1.42 | | | .45 | | | | | .08 | .18 | | | | .05 | | |
| MILLVILLE FAA AIRPORT | 1.81 | | | .03 | | | | | T | T | | | | | .06 | 1.49 | T | | .15 | .03 | | | | .04 | | | | | .01 | | | |
| MOORESTOWN | 6.95 | | | .50 | | | | | | .58 | | | | | | * | 2.60 | | | .87 | | | | .10 | 1.20 | 1.10 | | | | | | |
| NEW BRUNSWICK | 3.03 | | .06 | .42 | | | | .05 | | .70 | | | | | T | .61 | .59 | | | .05 | | T | | .06 | .16 | .32 | .01 | | | | | |
| PEMBERTON 3 E | 3.94 | | | .19 | | | | | | .66 | | | | | .09 | .09 | .62 | .02 | | .61 | | | | .07 | .91 | .68 | | | | | | |
| PRINCETON WATER WORKS | 4.51 | | | .43 | | | | | .30 | | | | | | .96 | .70 | T | | T | .52 | | | | .75 | .33 | .52 | | | | | | |
| SEABROOK FARMS | 2.57 | | | .41 | | | | | | | | | | | | .01 | 1.28 | | | .54 | | | | T | | .32 | .01 | | | | | |
| SHILOH | 2.98 | | | .38 | | | | | | .01 | | | | | .08 | 1.08 | .18 | | .18 | .35 | | | | | | .12 | | | | .60 | | |
| TOMS RIVER | 3.46 | | | .01 | | | | | | .30 | | | | | | .64 | .62 | | | .46 | | | | .02 | .84 | .53 | .04 | | | | | |
| TRENTON WB CITY R | 5.09 | | | .47 | | | | T | .08 | .19 | | | | | 2.04 | .71 | | | .10 | .04 | | | | .79 | .01 | .66 | | | | | | |
| TUCKERTON | 2.39 | | | .03 | | | | | | .01 | | | | | .01 | .22 | .18 | | .01 | .20 | | | | .86 | .20 | .63 | | | | .04 | | |
| WOODSTOWN | 3.17 | | | .67 | | | | | | .06 | | | | | T | .61 | .15 | | .07 | .73 | | | | T | | .88 | | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 1.64 | | | .09 | | | | | | | | | | | .06 | 1.10 | | | .18 | .01 | | | | .02 | | .18 | | | | | | |
| CAPE MAY 1 NW | 1.60 | | | .30 | | | | | | .15 | | | | | T | .28 | .70 | | | .17 | | | | | | | | | | | | |
| LONG BRANCH 2S | 5.05 | | | T | | | | | | .59 | | | | | 1.21 | .38 | .69 | | .03 | .44 | | | | .04 | .90 | .77 | | | | | | |

# SUPPLEMENTAL DATA

| Station | Wind (Speed - m.p.h.) | | | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | EASTERN STANDARD TIME 1 AM | 7 AM | 1 PM | 7 PM | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 19 | 5.6 | 11.0 | 29++ | 20 | 15 | 94 | 88 | 59 | 78 | 2 | 2 | 5 | 0 | 0 | 0 | 9 | 52 | 6.4 |
| ATLANTIC CITY ST. MARINA | - | - | - | 30 | S | 23+ | - | - | - | - | 0 | 4 | 2 | 0 | 1 | 0 | 7 | - | - |
| NEWARK WB AIRPORT | 19 | 2.8 | 9.6 | 21++ | 20 | 15+ | 74 | 73 | 54 | 59 | 4 | 3 | 6 | 1 | 0 | 0 | 14 | - | 6.3 |
| TRENTON WB CITY | - | - | - | 32 | S | 02 | - | - | - | - | 1 | 3 | 3 | 3 | 0 | 1 | 11 | 62 | 6.3 |

See reference notes following Station Index.

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 84 | 80 | 88 | 73 | 70 | 74 | 80 | 78 | 76 | 76 | 79 | 80 | 85 | 87 | 86 | 80 | 73 | 75 | 70 | 79 | 82 | 75 | 78 | 67 | 83 | 75 | 79 | 88 | 92 | 84 | | 79.2 |
| | MIN | 50 | 54 | 61 | 43 | 44 | 51 | 54 | 52 | 56 | 48 | 49 | 60 | 64 | 65 | 67 | 57 | 48 | 51 | 59 | 61 | 57 | 47 | 57 | 58 | 62 | 63 | 65 | 68 | 62 | 56 | | 56.3 |
| BOONTON 1 SE | MAX | 84 | 77 | 87 | 74 | 68 | 74 | 78 | 78 | 78 | 78 | 80 | 81 | 86 | 87 | 80 | 83 | 73 | 75 | 73 | 79 | 86 | 74 | 78 | 65 | 83 | 76 | 77 | 83 | 91 | 83 | | 79.0 |
| | MIN | 51 | 59 | 63 | 42 | 48 | 50 | 56 | 51 | 55 | 47 | 50 | 57 | 62 | 69 | 65 | 60 | 50 | 52 | 60 | 62 | 58 | 50 | 53 | 58 | 59 | 61 | 64 | 69 | 67 | 59 | | 56.9 |
| CANOE BROOK | MAX | 85 | 77 | 88 | 75 | 72 | 75 | 82 | 79 | 80 | 77 | 81 | 80 | 86 | 87 | 82 | 85 | 75 | 75 | 74 | 79 | 82 | 77 | 72 | 65 | 84 | 74 | 78 | 84 | 94 | 85 | | 79.6 |
| | MIN | 51 | 61 | 62 | 45 | 50 | 53 | 60 | 51 | 56 | 52 | 51 | 60 | 65 | 68 | 66 | 62 | 51 | 54 | 60 | 63 | 58 | 51 | 54 | 52 | 57 | 62 | 62 | 67 | 60 | 59 | | 57.4 |
| CHARLOTTEBURG | MAX | 82 | 76 | 84 | 72 | 65 | 72 | 78 | 75 | 76 | 75 | 79 | 79 | 84 | 85 | 78 | 80 | 71 | 74 | 73 | 77 | 83 | 74 | 76 | 61 | 79 | 75 | 76 | 85 | 90 | 80 | | 77.1 |
| | MIN | 48 | 52 | 59 | 41 | 44 | 52 | 55 | 49 | 52 | 46 | 50 | 55 | 62 | 65 | 65 | 58 | 47 | 51 | 57 | 59 | 51 | 48 | 51 | 57 | 58 | 59 | 61 | 67 | 60 | 56 | | 54.5 |
| CRANFORD | MAX | 85 | 88 | 85 | 74 | 76 | 83 | 80 | 81 | 78 | 81 | 81 | 88 | 89 | 89 | 86 | 76 | 77 | 75 | 81 | 88 | 88 | 79 | 76 | 86 | 86 | 79 | 86 | 95 | 94 | 91 | | 83.4 |
| | MIN | 53 | 60 | 64 | 45 | 51 | 53 | 60 | 53 | 58 | 50 | 52 | 62 | 65 | 69 | 67 | 62 | 53 | 54 | 61 | 66 | 62 | 56 | 56 | 60 | 65 | 62 | 66 | 70 | 63 | 60 | | 59.3 |
| ELIZABETH | MAX | 80 | 86 | 80 | 73 | 78 | 83 | 81 | 81 | 78 | 80 | 81 | 86 | 90 | 87 | 86 | 78 | 75 | 74 | 81 | 90 | 86 | 80 | 74 | 83 | 76 | 78 | 85 | 95 | 88 | 91 | | 82.1 |
| | MIN | 56 | 62 | 65 | 49 | 55 | 59 | 61 | 57 | 60 | 54 | 55 | 68 | 64 | 70 | 69 | 62 | 56 | 57 | 62 | 64 | 63 | 59 | 59 | 60 | 64 | 63 | 65 | 69 | 67 | 63 | | 61.2 |
| ESSEX FELLS SERV BLDG | MAX | 87 | 80 | 85 | 77 | 72 | 74 | 78 | 80 | 78 | 80 | 79 | 81 | 86 | 89 | 78 | 84 | 77 | 75 | 74 | 81 | 88 | 73 | 78 | 65 | 83 | 74 | 78 | 86 | 94 | 87 | | 80.0 |
| | MIN | 53 | 62 | 64 | 45 | 49 | 55 | 58 | 52 | 55 | 51 | 53 | 60 | 65 | 68 | 67 | 59 | 50 | 55 | 61 | 65 | 60 | 52 | 55 | 59 | 65 | 62 | 66 | 70 | 62 | 60 | | 58.6 |
| FLEMINGTON 1 NE | MAX | 89 | 78 | 90 | 75 | 72 | 78 | 84 | 80 | 80 | 78 | 81 | 83 | 90 | 91 | 85 | 87 | 74 | 78 | 74 | 82 | 89 | 79 | 79 | 67 | 86 | 74 | 81 | 87 | 96 | 85 | | 81.7 |
| | MIN | 49 | 60 | 63 | 40 | 48 | 51 | 58 | 52 | 57 | 48 | 52 | 61 | 63 | 70 | 67 | 62 | 48 | 52 | 61 | 64 | 59 | 51 | 58 | 60 | 62 | 62 | 65 | 68 | 62 | 56 | | 57.6 |
| HIGH POINT PARK | MAX | | | | | | | | | | | | | | | | | | | | | 70 | 74 | | | | 75 | 75 | 86 | 88 | 79 | | |
| | MIN | 46 | | 53 | 40 | | 48 | 45 | 45 | | | 43 | 53 | 56 | 60 | | 47 | 48 | 49 | 49 | | 47 | 47 | | | 47 | 53 | 56 | 62 | 62 | 53 | | 50.4 |
| JERSEY CITY | MAX | 75 | 78 | 76 | 73 | 71 | 73 | 79 | 78 | 75 | 78 | 73 | 79 | 83 | 82 | 79 | 75 | 74 | 70 | 80 | 86 | 76 | 76 | 65 | 75 | 73 | 73 | 85 | 95 | 89 | 85 | | 77.6 |
| | MIN | 65 | 66 | 61 | 56 | 61 | 62 | 61 | 63 | 60 | 59 | 64 | 67 | 70 | 71 | 69 | 63 | 58 | 63 | 65 | 71 | 64 | 58 | 62 | 61 | 64 | 65 | 68 | 71 | 75 | 67 | | 64.3 |
| LAMBERTVILLE | MAX | 87 | 91 | 87 | 73 | 77 | 85 | 82 | 81 | 79 | 83 | 83 | 89 | 90 | 88 | 87 | 75 | 78 | 76 | 83 | 89 | 85 | 81 | 80 | 85 | 85 | 83 | 87 | 96 | 90 | 92 | | 84.2 |
| | MIN | 52 | 61 | 63 | 46 | 50 | 57 | 59 | 54 | 57 | 51 | 56 | 65 | 67 | 71 | 69 | 62 | 50 | 56 | 63 | 65 | 61 | 53 | 62 | 63 | 67 | 64 | 68 | 70 | 63 | 59 | | 60.1 |
| LAYTON 2 | MAX | 83 | 81 | 87 | 74 | 70 | 75 | 79 | 75 | 74 | 76 | 78 | 79 | 85 | 86 | 82 | 74 | 70 | 75 | 68 | 78 | 83 | 74 | 77 | 64 | 80 | 74 | 73 | 85 | 93 | 80 | | 77.7 |
| | MIN | 45 | 55 | 56 | 41 | 44 | 49 | 52 | 48 | 53 | 44 | 46 | 56 | 63 | 64 | 67 | 57 | 47 | 48 | 48 | 60 | 58 | 49 | 54 | 56 | 62 | 62 | 62 | 67 | 58 | 54 | | 54.2 |
| LITTLE FALLS | MAX | 86 | 79 | 88 | 78 | 73 | 76 | 81 | 79 | 80 | 78 | 82 | 80 | 87 | 90 | 82 | 86 | 76 | 86 | 75 | 82 | 90 | 84 | 79 | 66 | 84 | 76 | 80 | 87 | 96 | 87 | | 81.8 |
| | MIN | 55 | 62 | 65 | 47 | 51 | 55 | 58 | 54 | 56 | 51 | 53 | 61 | 66 | 69 | 68 | 61 | 53 | 61 | 61 | 65 | 61 | 54 | 57 | 61 | 61 | 63 | 66 | 71 | 68 | 62 | | 59.9 |
| LONG VALLEY | MAX | 84 | 76 | 86 | 72 | 69 | 72 | 79 | 77 | 76 | 77 | 78 | 79 | 85 | 84 | 80 | 79 | 70 | 75 | 70 | 78 | 82 | 73 | 77 | 63 | 80 | 75 | 76 | 82 | 92 | 82 | | 77.6 |
| | MIN | 46 | 59 | 60 | 41 | 37 | 47 | 51 | 49 | 55 | 45 | 46 | 52 | 60 | 64 | 65 | 59 | 50 | 49 | 52 | 60 | 48 | 48 | 58 | 58 | 60 | 63 | 63 | 67 | 57 | 55 | | 54.1 |
| MORRIS PLAINS 1 W | MAX | 85 | 76 | 89 | 75 | 72 | 77 | 82 | 79 | 79 | 77 | 79 | 81 | 89 | 88 | 78 | 83 | 74 | 76 | 74 | 89 | 88 | 73 | 77 | 64 | 80 | 74 | 78 | 84 | 95 | 84 | | 80.0 |
| | MIN | 50 | 58 | 60 | 41 | 44 | 49 | 53 | 50 | 54 | 46 | 51 | 57 | 61 | 66 | 66 | 59 | 52 | 52 | 59 | 62 | 59 | 50 | 51 | 58 | 60 | 61 | 63 | 67 | 70 | 57 | | 56.2 |
| NEWARK WB AIRPORT | MAX | 74 | 86 | 78 | 73 | 74 | 76 | 81 | 80 | 77 | 78 | 79 | 85 | 89 | 84 | 88 | 78 | 77 | 72 | 82 | 91 | 72 | 77 | 67 | 83 | 74 | 78 | 88 | 96 | 88 | 93 | | 80.6 |
| | MIN | 64 | 66 | 60 | 53 | 61 | 63 | 62 | 63 | 60 | 58 | 63 | 68 | 71 | 72 | 71 | 65 | 61 | 63 | 65 | 72 | 65 | 60 | 64 | 63 | 66 | 66 | 69 | 72 | 72 | 70 | | 64.9 |
| NEWTON | MAX | 84 | 82 | 87 | 76 | 71 | 77 | 81 | 78 | 76 | 79 | 84 | 83 | 89 | 90 | 85 | 81 | 71 | 77 | 71 | 80 | 84 | 75 | 80 | 65 | 84 | 77 | 80 | 85 | 93 | 81 | | 80.2 |
| | MIN | 45 | 57 | 61 | 40 | 46 | 55 | 54 | 48 | 50 | 42 | 51 | 58 | 62 | 67 | 68 | 57 | 44 | 50 | 58 | 61 | 56 | 48 | 56 | 58 | 61 | 62 | 64 | 69 | 58 | 53 | | 55.3 |
| PATERSON | MAX | 86 | 82 | 86 | 82 | 76 | 77 | 76 | 81 | 82 | 78 | 83 | 83 | 92 | 87 | 83 | 88 | 77 | 74 | 77 | 82 | | | | | | | | 91 | 97 | 87 | | 82.9 |
| | MIN | 60 | 62 | 62 | 50 | 56 | 60 | 56 | 58 | 58 | 55 | 58 | 65 | 72 | 69 | 70 | 62 | 59 | 60 | 59 | 68 | | | 56 | | | | | 70 | 70 | 65 | | 61.7 |
| PHILLIPSBURG | MAX | 87 | 90 | 90 | 79 | 77 | 83 | 82 | 80 | 79 | 79 | 82 | 88 | 88 | 89 | 80 | 83 | 76 | 78 | 81 | 87 | 83 | 81 | 81 | 86 | 86 | 82 | 83 | 95 | 96 | 91 | | 84.1 |
| | MIN | 50 | 62 | 62 | 45 | 51 | 56 | 56 | 55 | 54 | 49 | 59 | 63 | 66 | 70 | 68 | 59 | 51 | 57 | 61 | 64 | 57 | 52 | 57 | 62 | 67 | 65 | 68 | 72 | 61 | 57 | | 59.2 |
| PLAINFIELD | MAX | 75 | 90 | 78 | 74 | 77 | 86 | 82 | 81 | 79 | 82 | 83 | 88 | 92 | 84 | 87 | 77 | 77 | 76 | 83 | 91 | 82 | 80 | 67 | 85 | 74 | 80 | 88 | 97 | 88 | 93 | | 82.5 |
| | MIN | 54 | 59 | 64 | 46 | 52 | 53 | 60 | 53 | 57 | 51 | 53 | 63 | 66 | 69 | 68 | 63 | 55 | 55 | 61 | 66 | 63 | 55 | 57 | 61 | 66 | 63 | 65 | 68 | 64 | 60 | | 59.7 |
| SOMERVILLE | MAX | 81 | 91 | 84 | 73 | 77 | 85 | 81 | 81 | 79 | 83 | 84 | 90 | 91 | 86 | 88 | 77 | 78 | 76 | 83 | 90 | 85 | 81 | 74 | 86 | 82 | 81 | 87 | 96 | 92 | 93 | | 83.8 |
| | MIN | 52 | 60 | 63 | 45 | 51 | 54 | 59 | 54 | 56 | 50 | 53 | 63 | 65 | 69 | 67 | 61 | 51 | 54 | 61 | 64 | 61 | 54 | 59 | 62 | 66 | 63 | 65 | 68 | 62 | 58 | | 59.0 |
| SUSSEX 1 SE | MAX | 83 | 79 | 87 | 73 | 70 | | 79 | 74 | 75 | 76 | 79 | 81 | 86 | 88 | 81 | 80 | 72 | 75 | 71 | 78 | 83 | 74 | 77 | 65 | 82 | 75 | 78 | 84 | 94 | 82 | | 78.7 |
| | MIN | 53 | 55 | 57 | 38 | 43 | 50 | | 43 | 49 | 41 | 48 | 53 | 59 | 63 | 63 | 53 | 43 | 47 | 53 | 57 | 53 | 44 | 49 | 55 | 57 | 59 | 61 | 67 | 56 | 52 | | 52.4 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 81 | 82 | 82 | 74 | 73 | 78 | 79 | 80 | 73 | 76 | 77 | 85 | 86 | 85 | 84 | 75 | 73 | 76 | 84 | 92 | 70 | 74 | 81 | 92 | 75 | 80 | 90 | 106 | 94 | 94 | | 81.7 |
| | MIN | 51 | 61 | 51 | 43 | 54 | 58 | 55 | 54 | 44 | 42 | 49 | 64 | 66 | 68 | 69 | 58 | 50 | 50 | 63 | 65 | 58 | 51 | 62 | 62 | 59 | 54 | 64 | 70 | 63 | 57 | | 57.2 |
| AUDUBON | MAX | 88 | 90 | 78 | 76 | 78 | 87 | 83 | 85 | 81 | 85 | 85 | 91 | 90 | 90 | 87 | 78 | 82 | 80 | 84 | 90 | 75 | 82 | 83 | 89 | 74 | 84 | 89 | 97 | 89 | 92 | | 84.7 |
| | MIN | 57 | 67 | 60 | 51 | 55 | 55 | 63 | 60 | 59 | 53 | 63 | 67 | 67 | 70 | 69 | 63 | 54 | 57 | 63 | 68 | 64 | 59 | 63 | 66 | 65 | 61 | 69 | 69 | 69 | 64 | | 62.3 |
| BELLEPLAIN ST FOREST | MAX | 84 | 87 | 82 | 79 | 76 | 83 | 82 | 86 | 78 | 80 | 81 | 88 | 88 | 88 | 84 | 80 | 78 | 78 | 82 | 89 | 88 | 77 | 83 | 93 | 92 | 81 | 90 | 98 | 97 | 94 | | 84.9 |
| | MIN | 49 | 64 | 65 | 43 | 48 | 54 | 61 | 55 | 60 | 44 | 54 | 62 | 64 | 69 | 68 | 65 | 53 | 50 | 64 | 67 | 65 | 57 | 60 | 70 | 68 | 58 | 62 | 66 | 64 | 59 | | 59.6 |
| BURLINGTON | MAX | 88 | 93 | 84 | 76 | 79 | 82 | 82 | 84 | 79 | 84 | 85 | 92 | 93 | 89 | 89 | 84 | 79 | 78 | 87 | 92 | 88 | 84 | 81 | 86 | 87 | 86 | 89 | 97 | 96 | 98 | | 86.4 |
| | MIN | 62 | 66 | 65 | 52 | 56 | 45 | 62 | 58 | 60 | 55 | 61 | 71 | 69 | 69 | 68 | 67 | 57 | 66 | 65 | 69 | 68 | 59 | 64 | 64 | 61 | 64 | 68 | 72 | 72 | 66 | | 63.4 |
| CHATSWORTH | MAX | 87 | 90 | 82 | 77 | 77 | 84 | 82 | 85 | 74 | 82 | 80 | 88 | 90 | 85 | 85 | 77 | 77 | 78 | 81 | 90 | 87 | 77 | 75 | 84 | 80 | 80 | 89 | 96 | 93 | 92 | | 83.5 |
| | MIN | 51 | 62 | 62 | 43 | 47 | 51 | 61 | 52 | 57 | 45 | 47 | 60 | 63 | 68 | 67 | 68 | 52 | 51 | 62 | 66 | 64 | 57 | 58 | 65 | 66 | 58 | 65 | 68 | 67 | 60 | | 58.8 |
| FREEHOLD | MAX | 86 | 75 | 88 | 77 | 78 | 74 | 83 | 80 | 79 | 73 | 79 | 82 | 88 | 90 | 83 | 84 | 75 | 75 | 75 | 80 | 87 | 70 | 77 | 70 | 82 | 70 | 78 | 86 | 93 | 86 | | 80.1 |
| | MIN | 52 | 61 | 64 | 45 | 51 | 54 | 60 | 53 | 51 | 52 | 55 | 63 | 65 | 68 | 68 | 63 | 54 | 54 | 60 | 64 | 62 | 58 | 56 | 62 | 63 | 60 | 64 | 68 | 68 | 60 | | 59.3 |
| GLASSBORO | MAX | 88 | 89 | 90 | 76 | 76 | 78 | 79 | 82 | 81 | 83 | 83 | 89 | 87 | 91 | 88 | 89 | 75 | 79 | 79 | 83 | 89 | 74 | 80 | 85 | 88 | 72 | 82 | 89 | 96 | 91 | | 83.7 |
| | MIN | 55 | 65 | 63 | 50 | 55 | 54 | 57 | 59 | 53 | 49 | 60 | 67 | 63 | 65 | 61 | 64 | 53 | 56 | 61 | 67 | 60 | 56 | 62 | 63 | 66 | 59 | 65 | | 63 | 63 | | 59.8 |
| HAMMONTON 2 NNE | MAX | 92 | 87 | 92 | 80 | 79 | 79 | 88 | 85 | 85 | 77 | 83 | 84 | 91 | 92 | 92 | 88 | 79 | 80 | 80 | 84 | 90 | 76 | 82 | 86 | 91 | 72 | 82 | 90 | 100 | 94 | | 85.3 |
| | MIN | 54 | 65 | 63 | 51 | 52 | 53 | 63 | 58 | 58 | 51 | 57 | 65 | 66 | 67 | 75 | 66 | 55 | 55 | 63 | 68 | 65 | 58 | 61 | 63 | 67 | 60 | 64 | 70 | 66 | 62 | | 61.4 |
| HIGHTSTOWN 1 N | MAX | 80 | 92 | 77 | 74 | 76 | 86 | 80 | 82 | 77 | 83 | 85 | 90 | 91 | 87 | 86 | 75 | 76 | 76 | 82 | 89 | 76 | 79 | 73 | 85 | 77 | 82 | 88 | 95 | 86 | 91 | | 82.5 |
| | MIN | 52 | 62 | 63 | 46 | 52 | 56 | 59 | 52 | 57 | 50 | 54 | 62 | 66 | 68 | 67 | 62 | 52 | 54 | 61 | 67 | 62 | 57 | 60 | 63 | 66 | 60 | 65 | 69 | 65 | 59 | | 59.6 |
| INDIAN MILLS 2 W | MAX | 85 | 90 | 76 | 75 | 76 | 85 | 80 | 83 | 77 | 82 | 84 | 89 | 90 | 88 | 86 | 75 | 79 | 78 | 81 | 88 | 79 | 81 | 79 | 85 | 77 | 80 | 88 | 96 | 87 | 92 | | 83.0 |
| | MIN | 51 | 64 | 63 | 43 | 51 | 54 | 59 | 53 | 57 | 46 | 53 | 64 | 66 | 68 | 68 | 63 | 47 | 51 | 62 | 67 | 64 | 56 | 59 | 64 | 67 | 58 | 65 | 68 | 65 | 58 | | 59.1 |
| MILLVILLE | MAX | 88 | 88 | 90 | 77 | 76 | 79 | 88 | 82 | 84 | 75 | 83 | 83 | 91 | 90 | 91 | 67 | 75 | 80 | 80 | 83 | 69 | 77 | 81 | 85 | 90 | 79 | 82 | 88 | 97 | 88 | | 84.2 |
| | MIN | 54 | 62 | 64 | 50 | 53 | 56 | 63 | 59 | 60 | 50 | 60 | 64 | 68 | 70 | 70 | 64 | 53 | 55 | 63 | 68 | 66 | 57 | 63 | 67 | 69 | 60 | 65 | 70 | 69 | 62 | | 61.8 |
| MILLVILLE FAA AIRPORT | MAX | 84 | 85 | 77 | 75 | 74 | 82 | 82 | 82 | 71 | 79 | 79 | 87 | 85 | 85 | 82 | 74 | 76 | 77 | 81 | 89 | 75 | 77 | 83 | 89 | 79 | 81 | 87 | 98 | 87 | 90 | | 81.7 |
| | MIN | 55 | 69 | 55 | 49 | 54 | 58 | 59 | 60 | 53 | 49 | 62 | 66 | 68 | 71 | 69 | 61 | 56 | 56 | 67 | 70 | 63 | 60 | 64 | 68 | 65 | 60 | 66 | 71 | 69 | 63 | | 61.9 |
| MOORESTOWN | MAX | 86 | 89 | 76 | 74 | 76 | 86 | 82 | 83 | 77 | 84 | 83 | 88 | 89 | 88 | 84 | 75 | 79 | 76 | 82 | 87 | 86 | 80 | 78 | 85 | 73 | 81 | 88 | 95 | 87 | 91 | | 82.9 |
| | MIN | 56 | 69 | 63 | 49 | 54 | 55 | 63 | 60 | 56 | 58 | 57 | 65 | 68 | 70 | 68 | 63 | 51 | 54 | 62 | 69 | 67 | 61 | 57 | 64 | 64 | 58 | 68 | 70 | 67 | 61 | | 61.6 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

NEW JERSEY
JUNE 1969

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | MAX | 85 | 71 | 91 | 76 | 72 | 76 | 86 | 79 | 79 | 76 | 80 | 81 | 89 | 89 | 82 | 85 | 75 | 75 | 76 | 81 | 89 | 74 | 77 | 67 | 84 | 73 | 80 | 87 | 94 | 85 | | 80.5 |
| | MIN | 54 | 59 | 63 | 47 | 53 | 54 | 56 | 55 | 58 | 53 | 54 | 59 | 67 | 69 | 68 | 63 | 55 | 56 | 60 | 63 | 60 | 57 | 58 | 61 | 61 | 63 | 64 | 68 | 69 | 62 | | 59.6 |
| PEMBERTON 3 E | MAX | 87 | 90 | 80 | 77 | 76 | 85 | 82 | 83 | 77 | 82 | 85 | 91 | 90 | 90 | 87 | 78 | 76 | 78 | 83 | 90 | 83 | 80 | 74 | 87 | 80 | 83 | 90 | 96 | 91 | 92 | | 84.1 |
| | MIN | 53 | 63 | 62 | 45 | 51 | 54 | 60 | 52 | 57 | 48 | 52 | 62 | 64 | 68 | 69 | 64 | 51 | 52 | 62 | 65 | 63 | 56 | 58 | 66 | 67 | 60 | 65 | 66 | 66 | 57 | | 59.3 |
| SEABROOK FARMS | MAX | 85 | 88 | 88 | 76 | 75 | 75 | 84 | 81 | 82 | 74 | 80 | 81 | 88 | 89 | 85 | 85 | 75 | 78 | 78 | 82 | 88 | 74 | 80 | 86 | 90 | 77 | 81 | 89 | 96 | 87 | | 82.6 |
| | MIN | 55 | 68 | 63 | 51 | 56 | 58 | 62 | 61 | 59 | 51 | 58 | 66 | 69 | 71 | 71 | 65 | 54 | 58 | 62 | 66 | 65 | 58 | 63 | 65 | 70 | 61 | 65 | 70 | 68 | 63 | | 62.4 |
| SHILOH | MAX | 88 | 85 | 81 | 75 | 73 | 85 | 87 | 83 | 73 | 78 | 78 | 85 | 86 | 85 | 85 | 74 | 79 | 75 | 81 | 86 | 85 | 80 | 85 | 89 | 89 | 79 | 86 | 95 | 93 | 88 | | 83.0 |
| | MIN | 60 | 67 | 62 | 58 | 52 | 57 | 60 | 61 | 58 | 52 | 61 | 64 | 67 | 70 | 67 | 61 | 54 | 58 | 61 | 67 | 64 | 57 | 62 | 66 | 69 | 59 | 66 | 70 | 71 | 63 | | 62.1 |
| TOMS RIVER | MAX | 86 | 80 | 90 | 80 | 75 | 76 | 80 | 78 | 79 | 72 | 78 | 80 | 88 | 90 | 86 | 85 | 77 | 74 | 77 | 83 | 92 | 72 | 75 | 73 | 83 | 70 | 78 | 92 | 98 | 89 | | 81.2 |
| | MIN | 53 | 65 | 65 | 46 | 51 | 51 | 61 | 52 | 57 | 48 | 51 | 60 | 65 | 68 | 70 | 65 | 56 | 55 | 62 | 65 | 64 | 59 | 58 | 64 | 65 | 59 | 64 | 67 | 67 | 60 | | 59.8 |
| TRENTON WB CITY | MAX | 84 | 89 | 76 | 72 | 75 | 84 | 79 | 81 | 76 | 81 | 81 | 89 | 89 | 84 | 84 | 74 | 75 | 76 | 82 | 88 | 75 | 78 | 71 | 85 | 72 | 80 | 86 | 95 | 85 | 90 | | 81.2 |
| | MIN | 60 | 66 | 60 | 55 | 59 | 59 | 62 | 62 | 59 | 59 | 64 | 67 | 70 | 69 | 69 | 63 | 58 | 62 | 63 | 70 | 63 | 58 | 62 | 64 | 66 | 65 | 67 | 71 | 70 | 65 | | 63.6 |
| TUCKERTON | MAX | 79 | 81 | 81 | 77 | 74 | 77 | 77 | 78 | 72 | 79 | 80 | 85 | 85 | 87 | 83 | 78 | 74 | 75 | 83 | 88 | 75 | 74 | 75 | 83 | 73 | 77 | 83 | 94 | 91 | 88 | | 80.2 |
| | MIN | 51 | 65 | 66 | 44 | 50 | 57 | 62 | 54 | 58 | 47 | 50 | 64 | 61 | 69 | 69 | 65 | 54 | 53 | 63 | 67 | 65 | 56 | 59 | 66 | 67 | 57 | 65 | 69 | 70 | 61 | | 60.1 |
| WOODSTOWN | MAX | 87 | 89 | 81 | 76 | 77 | 85 | 83 | 85 | 83 | 82 | 81 | 89 | 89 | 87 | 86 | 76 | 80 | 78 | 84 | 90 | 87 | 81 | 87 | 92 | 84 | 82 | 91 | 97 | 96 | 92 | | 85.2 |
| | MIN | 55 | 69 | 63 | 50 | 53 | 55 | 62 | 60 | 59 | 50 | 62 | 66 | 68 | 70 | 69 | 63 | 53 | 55 | 61 | 67 | 65 | 58 | 62 | 62 | 58 | 59 | 66 | 68 | 67 | 62 | | 61.2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 76 | 72 | 78 | 68 | 70 | 71 | 75 | 75 | 70 | 75 | 74 | 76 | 76 | 75 | 75 | 76 | 73 | 73 | 79 | 82 | 73 | 72 | 74 | 86 | 77 | 76 | 75 | 83 | 89 | 82 | | 75.9 |
| | MIN | 64 | 67 | 62 | 58 | 63 | 64 | 65 | 65 | 61 | 58 | 64 | 68 | 70 | 69 | 69 | 65 | 61 | 64 | 67 | 70 | 64 | 62 | 66 | 70 | 67 | 63 | 69 | 72 | 74 | 69 | | 65.7 |
| CAPE MAY 1 NW | MAX | 82 | 75 | 75 | 78 | 72 | 72 | 75 | 78 | 79 | 70 | 74 | 75 | 79 | 80 | 81 | 77 | 73 | 73 | 74 | 80 | 84 | 70 | 72 | 80 | 87 | 84 | 77 | 79 | 86 | 88 | | 77.6 |
| | MIN | 57 | 62 | 64 | 53 | 58 | 60 | 63 | 61 | 62 | 54 | 57 | 64 | 66 | 67 | 68 | 67 | 59 | 60 | 66 | 68 | 68 | 60 | 62 | 66 | 70 | 61 | 65 | 69 | 71 | 65 | | 63.1 |
| LONG BRANCH 2S | MAX | 76 | 78 | 79 | 74 | 72 | 74 | 77 | 76 | 72 | 76 | 75 | 79 | 82 | 79 | 78 | 74 | 73 | 73 | 81 | 87 | 84 | 73 | 69 | 75 | 71 | 74 | 86 | 92 | 88 | 86 | | 77.8 |
| | MIN | 56 | 62 | 65 | 49 | 53 | 58 | 61 | 56 | 58 | 52 | 54 | 62 | 65 | 69 | 66 | 64 | 57 | 57 | 62 | 69 | 63 | 62 | 59 | 64 | 65 | 61 | 65 | 68 | 69 | 67 | | 61.3 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 80 | 87 | 86 | 80 | 79 | 84 | 85 | 83 | 81 | 83 | 87 | 93 | 92 | 85 | 89 | 84 | 84 | 79 | 84 | 89 | 76 | 87 | 71 | 82 | 75 | 79 | 82 | 89 | 86 | 87 | | 83.6 |
| | | MIN | 63 | 67 | 66 | 61 | 62 | 62 | 67 | 65 | 67 | 64 | 64 | 67 | 71 | 73 | 73 | 69 | 66 | 66 | 69 | 71 | 69 | 67 | 69 | 68 | 70 | 69 | 70 | 72 | 72 | 71 | | 67.7 |
| | 2 | MAX | 76 | 82 | 81 | 76 | 74 | 79 | 79 | 79 | 78 | 79 | 80 | 86 | 85 | 80 | 83 | 80 | 80 | 75 | 80 | 84 | 74 | 81 | 71 | 79 | 73 | 77 | 79 | 83 | 82 | 84 | | 79.3 |
| | | MIN | 65 | 67 | 68 | 64 | 64 | 63 | 68 | 66 | 68 | 65 | 66 | 68 | 72 | 73 | 73 | 71 | 67 | 68 | 69 | 71 | 70 | 67 | 70 | 69 | 71 | 69 | 71 | 73 | 73 | 72 | | 68.7 |
| | 4 | MAX | 74 | 78 | 77 | 73 | 72 | 76 | 77 | 75 | 75 | 76 | 77 | 81 | 82 | 78 | 81 | 78 | 78 | 74 | 77 | 81 | 74 | 79 | 71 | 77 | 73 | 75 | 77 | 81 | 80 | 82 | | 77.0 |
| | | MIN | 66 | 68 | 69 | 65 | 65 | 64 | 68 | 67 | 68 | 66 | 67 | 68 | 72 | 73 | 73 | 72 | 68 | 69 | 70 | 72 | 71 | 68 | 70 | 69 | 72 | 70 | 71 | 73 | 74 | 72 | | 69.3 |
| | 8 | MAX | 69 | 72 | 72 | 70 | 69 | 70 | 72 | 71 | 71 | 72 | 72 | 75 | 76 | 74 | 75 | 74 | 74 | 71 | 73 | 76 | 72 | 74 | 71 | 73 | 72 | 72 | 74 | 86 | 77 | 77 | | 73.2 |
| | | MIN | 66 | 67 | 69 | 66 | 66 | 66 | 68 | 67 | 68 | 67 | 68 | 69 | 71 | 72 | 72 | 73 | 70 | 70 | 70 | 71 | 71 | 69 | 70 | 69 | 71 | 70 | 71 | 72 | 73 | 72 | | 69.5 |
| | 20 | MAX | 64 | 65 | 66 | 66 | 65 | 65 | 66 | 66 | 66 | 66 | 67 | 68 | 68 | 69 | 72 | 70 | 69 | 69 | 69 | 69 | 70 | 69 | 69 | 69 | 69 | 69 | 69 | 70 | 71 | 71 | | 68.0 |
| | | MIN | 64 | 64 | 65 | 65 | 64 | 64 | 65 | 66 | 66 | 66 | 66 | 67 | 68 | 68 | 69 | 69 | 69 | 68 | 68 | 69 | 69 | 68 | 69 | 68 | 68 | 68 | 68 | 69 | 69 | 70 | | 67.2 |
| | 40 | MAX | 61 | 61 | 61 | 62 | 62 | 62 | 63 | 62 | 63 | 63 | 63 | 64 | 64 | 64 | 66 | 65 | 65 | 65 | 65 | 65 | 65 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 67 | 68 | | 64.3 |
| | | MIN | 60 | 60 | 60 | 61 | 61 | 61 | 61 | 62 | 62 | 62 | 63 | 63 | 63 | 64 | 64 | 65 | 65 | 64 | 64 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 66 | | 63.4 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 88 | 92 | 95 | 82 | 82 | 90 | 90 | 89 | 84 | 86 | 85 | 93 | 94 | 85 | 88 | 83 | 84 | 79 | 86 | 92 | 79 | 94 | 70 | 87 | 75 | 83 | 87 | 96 | 101 | 103 | | 87.1 |
| | | MIN | 65 | 68 | 62 | 58 | 61 | 61 | 66 | 65 | 66 | 62 | 63 | 66 | 70 | 73 | 72 | 65 | 61 | 63 | 66 | 70 | 67 | 63 | 67 | 67 | 69 | 67 | 68 | 70 | 70 | 69 | | 66.0 |
| | 2 | MAX | 85 | 90 | 83 | 80 | 79 | 88 | 87 | 87 | 83 | 84 | 83 | 90 | 92 | 83 | 86 | 82 | 83 | 77 | 84 | 90 | 77 | 91 | 70 | 85 | 75 | 82 | 85 | 92 | 98 | 94 | | 84.8 |
| | | MIN | 66 | 69 | 64 | 59 | 62 | 62 | 67 | 66 | 67 | 63 | 64 | 66 | 71 | 73 | 73 | 66 | 62 | 64 | 67 | 70 | 67 | 63 | 67 | 67 | 69 | 67 | 68 | 71 | 71 | 70 | | 66.7 |
| | 4 | MAX | 80 | 84 | 78 | 76 | 75 | 80 | 82 | 80 | 78 | 78 | 78 | 83 | 85 | 79 | 81 | 78 | 78 | 74 | 80 | 83 | 75 | 83 | 70 | 79 | 73 | 78 | 80 | 86 | 90 | 91 | | 79.8 |
| | | MIN | 69 | 70 | 68 | 63 | 64 | 64 | 69 | 68 | 69 | 66 | 66 | 68 | 72 | 74 | 73 | 70 | 66 | 66 | 68 | 71 | 70 | 66 | 70 | 68 | 71 | 68 | 70 | 72 | 73 | 72 | | 68.8 |
| | 8 | MAX | 74 | 76 | 74 | 71 | 70 | 73 | 75 | 74 | 73 | 73 | 73 | 76 | 78 | 75 | 76 | 74 | 74 | 70 | 74 | 77 | 73 | 76 | 71 | 75 | 72 | 73 | 75 | 79 | 82 | 83 | | 74.6 |
| | | MIN | 70 | 70 | 71 | 67 | 67 | 67 | 69 | 69 | 70 | 68 | 69 | 69 | 72 | 74 | 73 | 72 | 69 | 69 | 69 | 71 | 71 | 68 | 70 | 69 | 71 | 69 | 70 | 72 | 74 | 74 | | 70.1 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# EVAPORATION AND WIND

| Station | | | Day Of Month 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * *<br>NORTHERN | 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | | EVAP | .20 | .25 | .25 | .22 | .21 | .17 | .12 | .22 | .20 | .20 | .22 | .24 | .18 | .26 | .24 | .23 | .22 | .19 | .03 | .21 | .17 | .15 | .27 | - | .12 | .11 | .10 | .04 | .23 | .30 | | 5.748 |
| | | WIND | 10 | 48 | 140 | 10 | 21 | 32 | 59 | 18 | 22 | 37 | 11 | 35 | 36 | 45 | 29 | 60 | 40 | 24 | 31 | 40 | 55 | 43 | 23 | 38 | 34 | 26 | 9 | 41 | 37 | 36 | | 1090 |
| | | MAX | 94 | 90 | 91 | 83 | 81 | 77 | 82 | 88 | 85 | 88 | 86 | 85 | 90 | 91 | 82 | 87 | 82 | 79 | 73 | 82 | 90 | 74 | 86 | 65 | 84 | 86 | 78 | 86 | 88 | 86 | | 84.0 |
| | | MIN | 62 | 62 | 64 | 54 | 54 | 53 | 58 | 48 | 61 | 60 | 59 | 61 | 65 | 69 | 70 | 72 | 61 | 62 | 63 | 64 | 64 | 60 | 61 | 62 | 62 | 67 | 63 | 68 | 70 | 67 | | 62.2 |
| * * *<br>SOUTHERN | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | | EVAP | .31 | .21 | .33 | .34 | .25 | .22 | .31 | .24 | .20 | .23 | .26 | .76 | .23 | .34 | .13 | .25 | .28 | .23 | .11 | .24 | .37 | .20 | .21 | .01 | .16 | .04 | .11 | .28 | .21 | .29 | | 6.85 |
| | | WINO | 59 | 66 | 108 | 98 | 73 | 60 | 82 | 37 | 41 | 46 | 39 | 65 | 72 | 104 | 64 | 92 | 59 | 44 | 51 | 98 | 103 | 68 | 36 | 63 | 59 | 31 | 58 | 92 | 76 | 44 | | 1988 |
| | | MAX | 88 | 82 | 91 | 84 | 78 | 78 | 88 | 88 | 82 | 86 | 88 | 85 | 92 | 92 | 80 | 87 | 83 | 83 | 75 | 85 | 91 | 80 | 87 | 67 | 86 | 73 | 82 | 88 | 96 | 93 | | 84.6 |
| | | MIN | 62 | 63 | 64 | 52 | 53 | 57 | 58 | 60 | 60 | 58 | 59 | 59 | 64 | 70 | 70 | 67 | 59 | 59 | 61 | 63 | 63 | 59 | 62 | 62 | 63 | 65 | 65 | 73 | 70 | 65 | | 62.2 |
| PEMBERTON 3 E | | EVAP | .26 | .22 | .22 | .24 | .26 | .24 | .20 | .20 | .14 | .23 | .24 | .74 | .26 | .18 | .17 | .15 | .25 | .13 | .11 | .23 | .18 | .20 | .17 | .13 | .12 | .15 | .12 | .26 | .27 | .23 | | 6.00 |
| | | WINO | 22 | 41 | 50 | - | 24 | 34 | 23 | 17 | 33 | 18 | 18 | 29 | 35 | 34 | 46 | 30 | 20 | 18 | 22 | 17 | 36 | 23 | 37 | 16 | 27 | 19 | 21 | 19 | 19 | 15 | | 7898 |
| SEABROOK FARMS | | EVAP | .33 | .30 | .41 | .29 | .30 | .20 | .29 | .44 | .12 | .24 | .40 | .11 | .30 | .39 | .17 | .39 | .26 | .20 | .16 | .22 | .20 | * | .61 | .12 | .31 | .12 | .25 | .27 | .30 | .35 | | 8.05 |
| | | MAX | 91 | 90 | 94 | 85 | 85 | 80 | 90 | 91 | 84 | 71 | 85 | 86 | 94 | 94 | 90 | 86 | 83 | 78 | 81 | 86 | 92 | - | 89 | 86 | 95 | 82 | 89 | 95 | 99 | 94 | | 87.8 |
| | | MIN | 63 | 64 | 65 | 57 | 59 | 58 | 60 | 64 | 63 | 62 | 71 | 64 | 65 | 71 | 71 | 66 | 61 | 61 | 63 | 65 | 67 | - | 60 | 64 | 70 | 64 | 65 | 68 | 72 | 68 | | 64.5 |

See Reference Notes Following Station Index

# CLIMATOLOGICAL DATA

NEW JERSEY
JUNE 1969
DELAYED DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| DECEMBER 1968 | | | | | | | | | | | | | | | | | | | | | | | |
| HAMMONTON 2 NNE | 43.4 | 24.5 | 34.0 | - 3.1 | 60 | 14 | 10 | 11 | 954 | 0 | 4 | 24 | 0 | 2.70 | - 1.03 | .95 | 15 | 5.0 | | | 5 | 3 | 0 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| JANUARY 1969 | | | | | | | | | | | | | | | | | | | | | | | |
| CRANFORD | 37.2 | 23.0 | 30.1 | | 47 | 31+ | 7 | 28 | 1077 | 0 | 7 | 26 | 0 | 1.96 | | .56 | 24 | 2.0 | 1 | 8+ | 5 | 1 | 0 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| MARCH 1969 | | | | | | | | | | | | | | | | | | | | | | | |
| SHILOH | 49.8M | 30.2M | 40.0M | - 2.2 | 66 | 29+ | 16 | 12 | 767 | 0 | 0 | 21 | 0 | 2.57 | - 1.19 | .96 | 25 | | | | 5 | 3 | 0 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| APRIL 1969 | | | | | | | | | | | | | | | | | | | | | | | |
| WOODSTOWN | 67.2 | 42.8 | 55.0 | | 83 | 28+ | 21 | 1 | 299 | 0 | 0 | 5 | 0 | 2.08 | | .42 | 16 | .0 | 0 | | 6 | 0 | 0 |

# DAILY PRECIPITATION

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DECEMBER 1968 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HAMMONTON 2 NNE | 2.70 | | .03 | .01 | .38 | .67 | .02 | | | | | | | | | .95 | | | | | | | | .51 | | | | | | .13 | | | . |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JANUARY 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRANFORD | 1.96 | .39 | | T | | | | .20 | | | | | | | | | | | .04 | | | | | .20 | .56 | T | | | | .06 | .46 | .05 | . |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MARCH 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHILOH | 2.57 | | .68 | | | | | .51 | | | | | | | | | | | | | | | | | .12 | .96 | | | | | .30 | | . |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APRIL 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WOODSTOWN | 2.08 | | T | | T | .08 | .09 | | | | T | .34 | | | | | .42 | .20 | .22 | .20 | .03 | | .40 | | | | | | | .08 | .02 | | . |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DECEMBER 1968 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HAMMONTON 2 NNE | MAX<br>MIN | 42<br>25 | 51<br>39 | 53<br>36 | 57<br>38 | 59<br>37 | 48<br>30 | 44<br>23 | 43<br>26 | 37<br>22 | 33<br>11 | 25<br>10 | 37<br>12 | 46<br>20 | 60<br>36 | 53<br>24 | 25<br>12 | 36<br>17 | 41<br>18 | 41<br>19 | 47<br>30 | 51<br>33 | 43<br>28 | 50<br>32 | 45<br>27 | 35<br>19 | 27<br>14 | 29<br>16 | 47<br>24 | 59<br>37 | 43<br>21 | 38<br>23 | 43.4<br>24.5 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JANUARY 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRANFORD | MAX<br>MIN | 40<br>11 | 26<br>10 | 52<br>18 | 32<br>16 | 28<br>10 | 34<br>8 | 39<br>27 | 33<br>23 | 37<br>24 | 37<br>20 | 30<br>16 | 35<br>13 | 35<br>19 | 42<br>28 | 37<br>26 | 38<br>18 | 38<br>22 | 44<br>32 | 47<br>40 | 42<br>27 | 40<br>32 | 47<br>32 | 45<br>38 | 45<br>42 | 45<br>33 | 36<br>20 | 23<br>15 | 28<br>7 | 33<br>18 | 37<br>32 | 47<br>35 | 37.2<br>23.0 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MARCH 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHILOH | MAX<br>MIN | 41<br>28 | 36<br>28 | 45<br>30 | 45<br>27 | 39<br>21 | 44<br>25 | 42<br>31 | 43<br>21 | 38<br>23 | 41<br>26 | 39<br>26 | 40<br>16 | 42<br>26 | 46<br>27 | 43<br>27 | 52<br>26 | 59<br>28 | 66<br>31 | 62<br>37 | 60<br>38 | 65<br>40 | 53<br>34 | 59<br>30 | 58<br>35 | 58<br>48 | 55<br>43 | 47<br>33 | 52<br>30 | 66<br>39 | 57<br>32 | | 49.8<br>30.2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APRIL 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WOODSTOWN | MAX<br>MIN | 52<br>21 | 67<br>40 | 63<br>33 | 57<br>31 | 67<br>46 | 63<br>46 | 68<br>28 | 75<br>40 | 69<br>42 | 73<br>49 | 67<br>45 | 61<br>36 | 62<br>29 | 65<br>32 | 67<br>42 | 65<br>55 | 73<br>58 | 73<br>55 | 75<br>54 | 62<br>41 | 62<br>37 | 55<br>46 | 61<br>42 | 55<br>42 | 71<br>36 | 78<br>46 | 83<br>49 | 83<br>59 | 77<br>55 | 67<br>50 | | 67.2<br>42.8 |

# CORRECTIONS

| DATE | TABLE | DIVISION | STATION | CORRECTION |
|---|---|---|---|---|
| NOVEMBER 1968 | ALL TABLES | SOUTHERN 02 | NEW MONMOUTH | STATION CLOSED NOVEMBER 1968 |
| DECEMBER 1968 | ALL TABLES | SOUTHERN 02 | CRANFORD | STATION OPENED DECEMBER 16, 1968 |

See Reference Notes Following Station Index

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAURT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F OROPRE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | HAROLD OUFLOCU |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. RICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A | | | CHARLES KOONS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 9A | 9A | | H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 | | 7A | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P | | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 960[illegible] | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 991[illegible] | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING.

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index "

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates

++ Highest observed one minute windspeed This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown

'' Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground, however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

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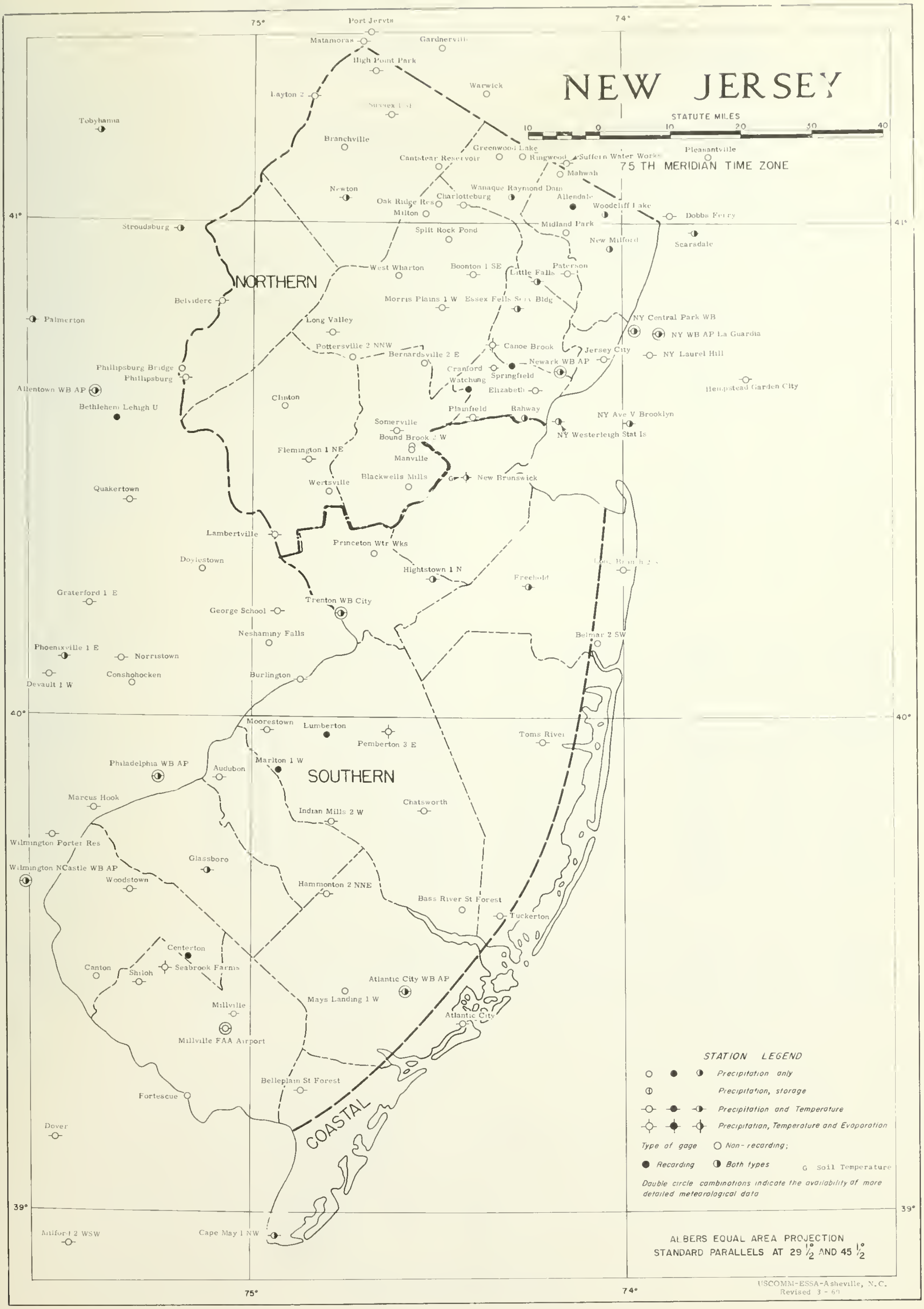
Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary ) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE- 8/5/69-880


NEW JERSEY
STATUTE MILES
10
0
10
20
30
40
75 TH MERIDIAN TIME ZONE
75°
74°
41°
40°
39°
Port Jervis
Matamoras
Gardnerville
High Point Park
Warwick
Layton 2
Sussex 1 SE
Tobyhanna
Branchville
Greenwood Lake
Canistear Reservoir
Ringwood
Suffern Water Works
Pleasantville
Mahwah
Newton
Wanaque Raymond Dam
Charlotteburg
Allendale
Oak Ridge Res
Milton
Woodcliff Lake
Dobbs Ferry
Stroudsburg
Midland Park
Split Rock Pond
New Milford
Scarsdale
West Wharton
Boonton 1 SE
Paterson
Little Falls
NORTHERN
Belvidere
Morris Plains 1 W
Essex Fells Serv Bldg
Palmerton
Long Valley
NY Central Park WB
NY WB AP La Guardia
Pottersville 2 NNW
Canoe Brook
Jersey City
NY Laurel Hill
Bernardsville 2 E
Newark WB AP
Phillipsburg Bridge
Phillipsburg
Cranford
Springfield
Watchung
Hempstead Garden City
Allentown WB AP
Clinton
Elizabeth
Bethlehem Lehigh U
Plainfield
Rahway
NY Ave V Brooklyn
Somerville
Bound Brook 2 W
NY Westerleigh Stat Is
Flemington 1 NE
Manville
Blackwells Mills
New Brunswick
Wertsville
Quakertown
Lambertville
Princeton Wtr Wks
Doylestown
Long Branch 2
Hightstown 1 N
Freehold
Graterford 1 E
Trenton WB City
George School
Neshaminy Falls
Belmar 2 SW
Phoenixville 1 E
Norristown
Devault 1 W
Conshohocken
Burlington
Moorestown
Lumberton
Pemberton 3 E
Toms River
Philadelphia WB AP
Audubon
Marlton 1 W
SOUTHERN
Chatsworth
Marcus Hook
Indian Mills 2 W
Wilmington Porter Res
Glassboro
Wilmington NCastle WB AP
Woodstown
Hammonton 2 NNE
Bass River St Forest
Tuckerton
Centerton
Canton
Shiloh
Seabrook Farms
Atlantic City WB AP
Mays Landing 1 W
Millville
Atlantic City
Millville FAA Airport
Belleplain St Forest
Fortescue
COASTAL
Dover
Milford 2 WSW
Cape May 1 NW
STATION LEGEND
○ ● ◑ Precipitation only
⦶ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording;
● Recording ◑ Both types
G Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
USCOMM-ESSA-Asheville, N.C.
Revised 3-69

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
JULY 1969
Volume 74 No. 7

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UNIVERSITY OF ILLINOIS

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 79.7 | 58.8 | 69.3 | - 5.8 | 93 | 18 | 46 | 8 | 15 | 2 | 0 | 0 | 0 | 9.15 | 3.85 | 2.36 | 29 | .0 | 0 | | 10 | 6 | 2 |
| BOONTON 1 SE | 80.1 | 61.7 | 70.9 | - 1.9 | 92 | 18 | 51 | 2 | 10 | 3 | 0 | 0 | 0 | 7.47 | 3.23 | 1.39 | 29 | .0 | 0 | | 15 | 6 | 2 |
| CANOE BROOK | 81.3 | 61.8 | 71.6 | - 1.4 | 93 | 18 | 49 | 2 | 6 | 4 | 0 | 0 | 0 | 10.77 | 6.22 | 3.37 | 29 | .0 | 0 | | 16 | 8 | 3 |
| CHARLOTTEBURG | 78.4 | 59.1 | 68.8 | - 2.1 | 91 | 18 | 49 | 9+ | 16 | 1 | 0 | 0 | 0 | 7.09 | 2.36 | 2.54 | 21 | .0 | 0 | | 13 | 5 | 1 |
| CRANFORD | 82.8 | 64.0 | 73.4 | | 94 | 17 | 53 | 9 | 0 | 5 | 0 | 0 | 0 | 9.42 | | 1.73 | 28 | .0 | 0 | | 11 | 8 | 4 |
| ELIZABETH | 80.0M | 63.8 | 71.9M | - 3.9 | 95 | 17 | 55 | 9 | 0 | 4 | 0 | 0 | 0 | 9.34 | 4.83 | 1.40 | 29 | .0 | 0 | | 13 | 10 | 2 |
| ESSEX FELLS SERV BLDG | 80.5 | 61.9 | 71.2 | | 93 | 18 | 48 | 2 | 6 | 4 | 0 | 0 | 0 | 9.84 | | 3.68 | 28 | .0 | 0 | | 14 | 6 | 2 |
| FLEMINGTON 1 NE | 80.7 | 61.5 | 71.1 | - 4.3 | 95 | 18 | 49 | 2 | 6 | 3 | 0 | 0 | 0 | 10.49 | 5.97 | 2.26 | 24 | .0 | 0 | | 11 | 8 | 3 |
| HIGH POINT PARK | 77.1M | 55.7M | 66.4M | | 90 | 18 | 42 | 2 | 52 | 1 | 0 | 0 | 0 | 5.28 | | 1.92 | 29 | .0 | 0 | | 9 | 4 | 2 |
| JERSEY CITY | | | | | | | | | | | | | | | | | | | | | | | |
| LAMBERTVILLE | 84.7 | 63.7 | 74.2 | - .6 | 94 | 18+ | 50 | 2 | 0 | 6 | 0 | 0 | 0 | 9.67 | 5.16 | 3.48 | 28 | .0 | 0 | | 11 | 5 | 3 |
| LAYTON 2 | 79.0 | 58.9 | 69.0 | | 92 | 18 | 45 | 2 | 9 | 2 | 0 | 0 | 0 | 5.79 | | 1.49 | 29 | .0 | 0 | | 11 | 3 | 3 |
| LITTLE FALLS | 81.7 | 63.6 | 72.7 | - 2.1 | 96 | 18 | 51 | 2 | 6 | 5 | 0 | 0 | 0 | 8.81 | 4.27 | 2.76 | 29 | .0 | 0 | | 14 | 8 | 2 |
| LONG VALLEY | 78.4 | 58.5 | 68.5 | | 91 | 18 | 46 | 10+ | 22 | 1 | 0 | 0 | 0 | 7.86 | 2.66 | 1.67 | 29 | .0 | 0 | | 11 | 6 | 4 |
| MORRIS PLAINS 1 W | 80.5 | 60.2 | 70.4 | | 94 | 18 | 45 | 9 | 15 | 4 | 0 | 0 | 0 | 8.74 | | 1.33 | 13 | .0 | 0 | | 14 | 8 | 2 |
| NEWARK WB AIRPORT R | 80.9 | 67.5 | 74.2 | - 2.1 | 95 | 17 | 59 | 7 | 0 | 4 | 0 | 0 | 0 | 7.11 | 3.44 | 1.38 | 28 | .0 | 0 | | 12 | 7 | 2 |
| NEWTON | 80.7 | 58.5 | 69.6 | - 2.6 | 94 | 18 | 43 | 2 | 16 | 3 | 0 | 0 | 0 | 7.40 | 2.53 | 2.70 | 29 | .0 | 0 | | 12 | 4 | 2 |
| PATERSON | 82.5 | 65.7 | 74.1 | - 1.6 | 97 | 18 | 56 | 8 | 4 | 6 | 0 | 0 | 0 | 8.26 | 3.63 | 2.43 | 29 | .0 | 0 | | 15 | 4 | 3 |
| PHILLIPSBURG | 85.5 | 62.6 | 74.1 | - .2 | 95 | 18+ | 50 | 2 | 0 | 7 | 0 | 0 | 0 | 7.64 | 2.35 | 1.64 | 29 | .0 | 0 | | 10 | 5 | 4 |
| PLAINFIELD | 82.2 | 63.9 | 73.1 | - 1.8 | 95 | 17 | 54 | 9 | 1 | 4 | 0 | 0 | 0 | 11.79 | 7.18 | 3.35 | 28 | .0 | 0 | | 10 | 6 | 4 |
| SOMERVILLE | 83.9 | 62.7 | 73.3 | - 1.3 | 96 | 17 | 52 | 9+ | 0 | 5 | 0 | 0 | 0 | 9.47 | 4.73 | 3.21 | 28 | .0 | 0 | | 11 | 6 | 3 |
| SUSSEX 1 SE | 79.6 | 55.9 | 67.8 | - 5.1 | 94 | 18 | 42 | 2 | 25 | 2 | 0 | 0 | 0 | 8.38 | 3.31 | 2.39 | 29 | .0 | 0 | | 14 | 6 | 4 |
| DIVISION | | | 71.2 | - 2.8 | | | | | | | | | | 8.56 | 3.91 | | | .0 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 81.8 | 64.6 | 73.2 | - 1.9 | 97 | 1 | 52 | 9 | 4 | 4 | 0 | 0 | 0 | 12.64 | 8.92 | 4.60 | 21 | .0 | 0 | | 11 | 5 | 5 |
| AUDUBON | 84.3 | 66.1 | 75.2 | | 95 | 18 | 57 | 9 | 0 | 6 | 0 | 0 | 0 | 9.80 | | 4.20 | 28 | .0 | 0 | | 9 | 6 | 3 |
| BELLEPLAIN ST FOREST | 84.7 | 64.7 | 74.7 | | 97 | 18 | 52 | 9 | 0 | 6 | 0 | 0 | 0 | 6.56 | 1.72 | 1.43 | 23 | .0 | 0 | | 11 | 4 | 3 |
| BURLINGTON | 84.4 | 67.0 | 75.7 | - 1.5 | 98 | 18 | 57 | 2 | 0 | 5 | 0 | 0 | 0 | 8.36 | 4.12 | 1.97 | 28 | .0 | 0 | | 10 | 6 | 2 |
| CHATSWORTH | 82.8M | 63.9M | 73.4M | | 95 | 18 | 51 | 9 | 0 | 4 | 0 | 0 | 0 | 13.85 | | 3.24 | 28 | .0 | 0 | | 10 | 7 | 6 |
| FREEHOLD | 80.1 | 63.7 | 71.9 | - 3.0 | 92 | 18 | 53 | 2 | 6 | 3 | 0 | 0 | 0 | 7.90 | 3.66 | 2.27 | 28 | .0 | 0 | | 8 | 4 | 4 |
| GLASSBORO | 84.3 | 62.6 | 73.5 | | 95 | 18 | 52 | 9 | 1 | 6 | 0 | 0 | 0 | 10.00 | | 3.05 | 28 | .0 | 0 | | 9 | 6 | 3 |
| HAMMONTON 2 NNE | 84.8 | 65.3 | 75.1 | - 1.0 | 98 | 19 | 55 | 9 | 1 | 8 | 0 | 0 | 0 | 14.01 | 9.45 | 2.57 | 24 | .0 | 0 | | 10 | 8 | 6 |
| HIGHTSTOWN 1 N | 82.0 | 63.4 | 72.7 | - 2.1 | 96 | 17 | 51 | 2 | 0 | 3 | 0 | 0 | 0 | 7.40 | 2.94 | 1.75 | 23 | .0 | 0 | | 12 | 5 | 3 |
| INDIAN MILLS 2 W | 82.5 | 63.6 | 73.1 | - 1.6 | 94 | 18 | 50 | 9 | 0 | 5 | 0 | 0 | 0 | 10.89 | 6.62 | 3.34 | 28 | .0 | 0 | | 10 | 6 | 3 |
| MILLVILLE | 84.3M | 66.2M | 75.3M | | 95 | 19 | 54 | 9 | 2 | 6 | 0 | 0 | 0 | 16.64 | | 7.40 | 29 | .0 | 0 | | 11 | 8 | 4 |
| MILLVILLE FAA AIRPORT | 82.9 | 66.8 | 74.9 | | 94 | 18 | 56 | 9 | 0 | 5 | 0 | 0 | 0 | 12.90 | | 4.96 | 28 | .0 | 0 | | 10 | 5 | 4 |
| MOORESTOWN | 82.5 | 65.6 | 74.1 | - 1.0 | 95 | 18 | 53 | 9 | 0 | 3 | 0 | 0 | 0 | 8.67 | 4.50 | 3.28 | 28 | .0 | 0 | | | | 2 |
| NEW BRUNSWICK | 81.1 | 64.3 | 72.7 | | 93 | 18 | 55 | 9 | 5 | 4 | 0 | 0 | 0 | 8.26 | | 1.66 | 13 | .0 | 0 | | 13 | 5 | 3 |
| PEMBERTON 3 E | 83.6 | 63.2 | 73.4 | - 2.1 | 95 | 18+ | 51 | 9 | 0 | 6 | 0 | 0 | 0 | 10.18 | 5.53 | 2.54 | 28 | .0 | 0 | | 11 | 5 | 5 |
| SEABROOK FARMS | 83.7 | 66.3 | 75.0 | | 94 | 19 | 55 | 9 | 0 | 6 | 0 | 0 | 0 | 11.17 | | 2.02 | 13 | .0 | 0 | | 10 | 7 | 6 |
| SHILOH | 84.0 | 66.0 | 75.0 | - 1.4 | 95 | 19+ | 56 | 10 | 0 | 4 | 0 | 0 | 0 | 10.14 | 5.85 | 3.33 | 23 | .0 | 0 | | 11 | 5 | 3 |
| TOMS RIVER | 81.5 | 64.2 | 72.9 | | 95 | 19 | 51 | 9 | 5 | 6 | 0 | 0 | 0 | 12.21 | | 4.65 | 28 | .0 | 0 | | 13 | 5 | 3 |
| TRENTON WB CITY R | 81.5 | 66.3 | 73.9 | - 2.1 | 94 | 17 | 60 | 24+ | 0 | 3 | 0 | 0 | 0 | 7.51 | 3.33 | 2.07 | 28 | .0 | 0 | | 9 | 6 | 2 |
| TUCKERTON | 80.9 | 65.8 | 73.4 | | 95 | 18 | 53 | 9 | 0 | 5 | 0 | 0 | 0 | 11.13 | | 3.08 | 23 | .0 | 0 | | 12 | 6 | 3 |
| WOODSTOWN | 85.5 | 65.4 | 75.5 | | 97 | 18 | 54 | 9 | 0 | 7 | 0 | 0 | 0 | 9.11 | | 5.30 | 28 | .0 | 0 | | 9 | 5 | 1 |
| DIVISION | | | 74.0 | - 1.4 | | | | | | | | | | 10.44 | 6.07 | | | .0 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 80.3 | 70.0 | 75.2 | 1.0 | 95 | 18 | 62 | 9 | 0 | 2 | 0 | 0 | 0 | 11.11 | 7.25 | 6.62 | 23 | | | | 9 | 4 | 2 |
| CAPE MAY 1 NW | 81.8M | 68.5M | 75.2M | | 92 | 19+ | 60 | 25+ | 0 | 4 | 0 | 0 | 0 | 6.14 | | 2.30 | 8 | .0 | 0 | | 9 | 4 | 2 |
| LONG BRANCH 2S | 79.5 | 65.9 | 72.7 | - 1.7 | 92 | 18+ | 56 | 9+ | 0 | 2 | 0 | 0 | 0 | 8.12 | 3.87 | 3.57 | 28 | .0 | 0 | | 7 | 4 | 3 |
| DIVISION | | | 74.4 | - .2 | | | | | | | | | | 8.46 | 4.58 | | | .0 | | | | | |

## EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>2 STATIONS | 98 | DATE | 19+ |
| LOWEST TEMPERATURE<br>2 STATIONS | 42 | DATE | 02 |
| GREATEST TOTAL PRECIPITATION<br>MILLVILLE | 16.64 | | |
| LEAST TOTAL PRECIPITATION<br>RAHWAY | 4.84 | | |
| GREATEST 1 DAY PRECIPITATION<br>MILLVILLE | 7.40 | DATE | 29 |

**See Reference Notes Following Station Index**

SPECIAL WEATHER SUMMARY ON PAGE 50

# NEW JERSEY - JULY 1969

## SPECIAL WEATHER SUMMARY

This was the coolest and wettest July in several years for all portions of the Garden State. For the Northern and Southern Divisions of the State this was the coolest July since 1965, and the wettest July since 1945, while along the coast it was the coolest July since 1964 and the wettest July since 1959. The heavy rainfall brought an end to the prolonged dry spell which had begun in July of 1968. This brings to an end the condition of meteorological drought which has been shown to exist according to the Palmer Drought Index.

There was considerable flood damage in New Jersey, the first of which occurred in the Atlantic City area on July 23, when a torrential downpour caused considerable damage, mostly to private individuals whose homes and basements were flooded. From July 27 to 30, more than $500,000 damage is estimated to have occurred from flash flooding in New Jersey. One death occurred when an 11-year-old boy was swept to his death in a storm sewer in Audubon. Further details are contained in this month's issue of CLIMATOLOGICAL DATA NATIONAL SUMMARY.

Donald V. Dunlap
ESSA-Weather Bureau State Climatologist
Department of Meteorology
College of Agriculture & Environmental Science
Rutgers - The State University
New Brunswick, New Jersey 08903

# DAILY PRECIPITATION

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| • • • NORTHERN 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BELVIDERE | 9.15 |  |  |  |  |  |  | .43 | .43 |  |  | .41 |  | .68 |  |  |  |  | .88 |  | T | .76 |  | .08 | .73 | T | .08 | .18 | 2.05 | 2.36 | .08 |  | • |
| BERNARDSVILLE 2 E | 8.80 |  |  |  | .03 |  |  | .29 | .52 |  |  | .40 | .04 | .45 | .06 |  |  |  | .61 |  |  | .61 |  | .09 | 1.16 |  | .22 | .53 | .82 | 2.23 | .74 |  | • |
| BLACKWELLS MILLS | 9.22 |  |  |  | .10 |  |  | .36 | .45 |  |  | .05 |  | 1.68 |  |  |  |  |  |  | .01 | .24 | .20 | .02 | 1.37 |  | .12 | .77 | .83 | 2.60 | .42 |  | • |
| BOONTON 1 SE | 7.47 |  |  |  | .32 | .05 |  | .14 | .38 |  |  | .19 | .47 | 1.10 | .26 |  |  |  | .14 | .19 | .04 | .82 |  | .09 | .55 |  | T | .15 | .57 | 1.39 | .62 |  | • |
| BOUND BROOK 2 W | 8.93 |  |  |  | .32 |  |  | .27 | .39 |  |  | .27 | .51 | .91 |  |  |  |  |  |  |  | .31 | .10 | .05 | 1.60 |  | .04 | .55 | .99 | 2.38 | .24 |  | • |
| BRANCHVILLE | 8.31 |  |  |  | .61 | .14 |  | .14 | .24 |  |  | .27 | .08 | .13 | .25 |  |  |  | .10 | .03 | .11 | 1.02 | T | .11 | .55 |  |  | .09 | 1.50 | 2.32 | .23 | .39 | • |
| CANISTEAR RESERVOIR | 6.85 |  |  |  | .81 | .21 |  | .21 | .27 |  |  | .45 | .11 | .09 | .06 |  |  |  | .10 | .71 | .15 | .89 | .03 | .05 | .57 |  |  | .04 | .66 | 1.30 | .14 |  | • |
| CANOE BROOK | 10.77 |  |  |  | .21 | T |  | .15 | .44 |  |  | .50 | .33 | 1.14 | .15 |  |  |  | 1.14 | .15 |  | .61 | T | .09 | .81 |  | .17 | .20 | .53 | 3.37 | .78 |  | • |
| CHARLOTTEBURG | 7.09 |  |  |  | .23 | .12 |  | .13 | .41 |  |  | .16 | .09 | .10 | .07 |  |  |  | .05 | .50 | .17 | 2.54 | .02 | .04 | .38 |  |  | .03 | .56 | .98 | .51 |  | • |
| CLINTON | 10.14 |  |  |  |  |  |  | .87 | .68 |  |  | .50 |  | 1.00 | .40 |  |  | .19 |  |  | T | .50 | .13 | 1.40 |  |  | .29 | .70 | .90 | 2.58 |  |  | • |
| CRANFORD | 9.42 |  |  | .04 | .20 |  |  | .55 |  |  |  | .43 | 1.68 | .06 | .03 |  |  |  | .56 |  | T | .84 | .05 | .81 | T |  | .16 | 1.15 | 1.73 | 1.09 | .04 |  | • |
| ELIZABETH | 9.34 |  |  | .10 | .61 | T |  | .65 |  |  |  | .54 | .91 | .75 |  |  |  |  | .80 |  | .02 | .48 | T | .65 | .05 |  | .27 | 1.18 | .90 | 1.40 | .03 |  | • |
| ESSEX FELLS SERV BLDG | 9.84 |  |  |  | .81 | .01 |  | .26 | .33 |  |  | .32 | .30 | .77 | .18 |  |  |  | .49 | .08 |  | 1.15 |  | .14 | .53 |  | .26 | .01 | 3.68 | .52 |  |  | • |
| FLEMINGTON 1 NE | 10.49 |  |  |  |  |  |  | .90 | .55 |  |  | .14 | T | .69 | T |  |  |  |  |  | .01 | .75 | .10 | .08 | 2.26 |  | .07 | 1.59 | .87 | 2.15 | .33 |  | • |
| GREENWOOD LAKE | 6.62 |  |  | .02 | .60 | .18 |  | .07 | .32 |  |  | .25 | .10 | .12 | .16 |  |  |  | .05 | .80 | .08 | 1.02 | .15 | .03 | .55 |  |  | .07 | .65 | .80 | .60 |  | • |
| HIGH POINT PARK | 5.28 |  |  |  | .40 | .20 |  | .03 |  |  |  | .15 |  | .02 | .05 |  |  |  | .14 |  | .52 |  |  |  | .50 |  |  |  | 1.10 | 1.92 | .25 |  | • |
| JERSEY CITY | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | • |
| LAMBERTVILLE | 9.67 |  |  |  |  |  |  | .98 | .10 |  |  |  | 1.25 | .11 |  |  |  |  |  |  | .04 | .16 |  | 1.78 | T |  | .94 | .28 | 3.48 | .23 | .32 |  | • |
| LAYTON 2 | 5.79 |  |  |  | .04 |  | .01 | .06 | .15 |  |  | .22 |  | .11 | .10 |  |  |  | .22 | .12 | .06 | 1.21 | .02 | .18 | .48 |  | T | .01 | 1.20 | 1.49 | .09 | .02 | • |
| LITTLE FALLS | 8.81 |  |  |  | .70 | .10 |  | .24 | .37 |  |  | .17 | .54 | .26 | .02 |  |  |  | .11 | .61 | .06 | 1.01 |  | .05 | .50 |  | .01 |  | .54 | 2.76 | .76 |  | • |
| LONG VALLEY | 7.86 |  |  |  |  |  |  | .40 | .55 |  |  | .43 | .07 | .45 | .07 |  |  |  | 1.00 |  |  | 1.03 | .04 | .06 | 1.06 |  | .09 | .16 | .68 | 1.67 | .10 |  | • |
| MAHWAH | 8.18 |  |  | .02 | .17 | .14 |  | .09 | .28 |  |  | .40 | .07 | .76 | .46 |  |  |  | .01 | .87 | .06 | 2.09 |  | .03 | .36 |  |  | .03 | .28 | 1.21 | .85 |  | • |
| MIDLAND PARK | 10.15 |  |  | 1.15 | .05 | .12 |  | .54 |  |  | .14 |  | .87 | .14 |  |  |  | .03 | .58 | .19 | .55 | 1.55 |  | .62 |  |  |  | .03 | 2.64 | .82 | .13 |  | • |
| MILTON | 7.64 |  |  |  |  | .05 |  | .16 | .40 |  |  | .20 | .07 | .09 | .04 |  |  |  | .19 | .17 | .20 | 2.29 |  | .19 | .36 |  |  | .04 | 1.46 | 1.50 | .23 |  | • |
| MORRIS PLAINS 1 W | 8.74 |  |  |  | .03 | T |  | .13 | .49 |  |  | .83 | .62 | 1.33 | .11 |  |  |  | .74 | .38 | T | .78 | T | .08 | .66 |  | .10 | .07 | .74 | 1.21 | .44 |  | • |
| NEWARK WB AIRPORT R | 7.11 |  |  | .04 | .01 | T |  | .57 |  |  | .52 |  | .66 | .12 |  |  |  | .31 | .27 | T | .48 | .09 | .02 | .60 | T |  | .12 | .67 | 1.38 | 1.21 | .01 | .03 | • |
| NEW MILFORD | 6.62 |  |  | 1.00 |  | .05 |  | .45 |  |  | .10 |  | .35 | .11 |  |  |  |  | .38 | .04 | .64 | .62 |  | .40 |  |  |  | .09 | 1.35 | 1.00 | .04 |  | • |
| NEWTON | 7.40 |  |  |  |  | T |  | .31 | .21 |  |  | .22 | .06 | .08 | .26 |  |  |  | .17 | .21 | .20 | 1.18 |  | .09 | .50 |  |  | .06 | .82 | 2.70 | .33 |  | • |
| OAK RIDGE RESERVOIR | 7.97 |  |  |  | .11 | .10 |  | .24 | .31 |  |  | .26 | .08 | .11 | .08 |  |  |  | .13 | .34 | .12 | 2.18 | .07 | .11 | .46 |  | .05 | .06 | 1.44 | 1.46 | .26 |  | • |
| PATERSON | 8.26 |  |  |  | .38 | .12 |  | .30 | .25 |  |  | .12 | .48 | .32 | .16 |  |  |  | .05 | 1.05 | .06 | 1.15 | .01 | .12 | .52 |  | .03 | .01 | .48 | 2.43 | .22 |  | • |
| PHILLIPSBURG | 7.64 |  |  |  |  |  |  | 1.13 | .04 |  |  | .58 | .11 | .25 |  |  |  |  | .09 |  |  | .45 |  | 1.19 |  |  | .05 | .45 | 1.53 | 1.64 | .13 |  | • |
| PHILLIPSBURG BRIDGE | 7.59 |  |  |  |  |  |  | 1.25 |  |  |  |  |  |  |  |  |  |  | .96 |  |  |  |  | .51 | 1.30 |  | .02 | .40 | 3.10 |  | .05 |  | • |
| PLAINFIELD | 11.79 |  |  | .06 | T |  |  | .61 |  |  | .05 | .20 | 2.76 | .09 | T |  |  | .03 | .05 |  | .13 | .25 | .01 | 1.28 | T |  | .01 | 1.96 | 3.35 | .83 | .12 | T | • |
| POTTERSVILLE 2 NNW | 8.00 |  |  |  |  |  |  | .80 | 1.18 |  |  | .47 | .56 | .33 | .03 |  |  |  | .25 |  |  | .52 |  | .10 | 1.13 |  | .06 | .20 | .46 | 1.74 | .17 |  | • |
| RAHWAY | 4.84 |  |  | .21 |  | .04 |  | .35 |  |  | .24 |  | 1.12 | .09 |  |  |  | .13 | T |  | .21 | .07 | .09 | .89 |  |  | T | 1.05 | .35 | T |  |  | • |
| RINGWOOD | 5.50 |  |  |  | .18 | .12 |  | .25 | .10 |  |  | .13 | .02 | .03 | T |  |  |  |  | .74 | T | 1.07 | T | .24 | .17 |  |  | .02 | .42 | .90 | 1.11 |  | • |
| SOMERVILLE | 9.47 |  |  | .43 |  |  |  | .77 |  |  |  | .41 | 1.06 | .16 |  |  |  |  |  |  |  | .74 |  | 1.51 |  |  | .17 | .46 | 3.21 | .55 |  |  | • |
| SPLIT ROCK POND | 6.66 |  |  |  | .01 | .04 |  | .19 | .32 |  |  | .15 | .08 | .35 | .13 |  |  |  | .13 | .30 | .09 | 1.96 |  | .13 | .43 |  |  |  | .74 | .91 | .70 |  | • |
| SUSSEX 1 SE | 8.38 |  |  |  | 1.00 | .06 |  | .11 | .26 |  |  | .15 | .04 | .15 | .04 |  |  |  | .12 | 1.06 | .09 | 1.23 |  | .10 | .54 |  |  | .02 | .65 | 2.39 | .22 | .15 | • |
| WANAQUE RAYMOND DAM | 7.99 |  |  |  | .26 | .10 |  | .15 | .25 |  |  | .12 | .90 | .51 | .05 |  |  |  |  | .50 | .05 | 2.10 | T | .05 | .34 |  |  | T | .45 | .90 | 1.26 |  | • |
| WERTSVILLE | 9.26 |  |  |  |  |  |  | .36 | .53 |  |  | .03 | .01 | 1.48 | T |  |  |  |  |  | .03 | .39 | .12 | .05 | 1.57 | .01 | .16 | .42 | 1.42 | 2.45 | .23 |  | • |
| WEST WHARTON | 6.46 |  |  |  |  | T |  | .15 | .35 |  | .65 | .51 | .34 | .12 |  |  |  | .30 | .28 | T | 1.27 | T | .09 | .57 |  | T | T | T | .33 | 1.33 | .17 |  | • |
| WOODCLIFF LAKE | 8.78 |  |  | .95 |  | .10 |  | .34 |  |  | .10 |  | 1.11 | .19 |  |  |  |  | .61 | .06 | .36 | 1.36 |  | .40 |  |  |  | .03 | 1.75 | 1.13 | .29 |  | • |
| • • • SOUTHERN 02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY WB AP | 12.64 |  |  | 1.05 |  | T |  | .24 | .24 |  | T |  | 1.47 |  |  |  |  |  | .01 | T | .27 | 4.60 | .01 | 2.91 | .03 |  | .03 | .21 | .15 | 1.25 | .17 |  | • |
| AUDUBON | 9.80 |  |  | T |  |  |  | .76 | .06 |  |  |  | .93 | .09 |  |  |  |  | .33 |  | .90 | .20 |  | 1.07 | T |  |  |  | 4.20 | 1.12 | .14 |  | • |
| BASS RIVER ST FOREST | 8.75 |  |  | .42 | .67 |  |  |  |  |  |  | .02 |  | 1.12 |  |  |  |  |  |  |  | .63 | 1.78 | .29 | 2.12 |  |  |  | .45 | .22 | 1.03 |  | • |
| BELLEPLAIN ST FOREST | 6.56 |  |  | .47 |  |  |  | .25 | .37 |  | T | T | .89 | .13 |  |  |  |  |  |  | .17 | .35 | T | 1.43 | T |  | .08 |  | .11 | 1.14 | 1.17 |  | • |
| BURLINGTON | 8.36 |  |  | .80 |  |  |  | .78 | .30 |  |  |  | .43 |  |  |  |  |  |  |  |  | .45 |  | 1.90 |  |  |  |  | 1.97 | .67 | .81 | .25 | • |
| CANTON | 10.38 |  |  |  |  |  |  | .07 | .25 |  |  | .25 | .21 |  | .20 |  |  |  |  | .21 |  | 1.03 |  | 2.20 |  |  |  |  | 2.75 | 1.46 | 1.75 |  | • |
| CHATSWORTH | 13.85 |  |  | 1.47 |  |  |  | .47 |  |  |  |  | 1.44 |  |  |  |  |  |  |  | .15 | .70 | .38 | 1.50 | .06 |  | T |  | 3.24 | 1.80 | 2.64 |  | • |
| FORTESCUE | 8.90 |  |  |  | .80 |  |  | .47 | .93 |  |  |  |  | 1.30 |  |  |  |  |  |  |  | .75 |  | .40 |  |  |  |  |  | 3.38 | .87 |  | • |
| FREEHOLD | 7.90 |  |  |  | .06 |  |  | .30 | .30 |  |  | T | T | .49 | .18 |  |  |  | T | T | T | .05 | .02 | .02 | 1.46 | T | .03 | .04 | 2.27 | 1.13 | 1.55 |  | • |
| GLASSBORO | 10.00 |  | .30 |  |  |  |  | .75 | .02 | T |  |  | T | .36 | .15 |  |  |  |  |  |  | 1.96 | .07 | .06 | 1.84 |  |  |  | 3.05 | .78 | .66 |  | • |
| HAMMONTON 2 NNE | 14.01 |  |  |  | 1.45 |  |  | .29 | .30 |  |  |  |  | 2.40 | .07 |  |  |  |  |  | .01 | 1.55 | .60 | .06 | 2.57 |  | .07 |  | 1.89 | 2.08 | .67 |  | • |
| HIGHTSTOWN 1 N | 7.40 |  |  | .20 | .32 |  |  | .83 |  |  |  |  | 1.10 | .30 | .03 |  |  |  | .10 |  | .05 | .10 |  | 1.75 | .04 |  | .18 |  | 1.70 | .53 | .12 | .05 | • |
| INDIAN MILLS 2 W | 10.89 |  |  | .77 |  |  |  | .47 | .41 |  |  |  | .95 | .02 |  |  |  |  | .08 | T | .77 | .36 | T | 1.76 | .03 |  |  |  | 3.34 | 1.83 | .10 |  | • |
| MAYS LANDING 1 W | 11.18 |  |  | .06 | .33 |  |  | .19 | .51 | T |  |  |  | .61 | .16 |  |  |  |  | .05 | T | .59 | 2.78 | .02 | 2.99 |  | .04 |  | .53 | .32 | 2.00 |  | • |
| MILLVILLE | 16.64 |  |  | .26 | .83 |  |  | .29 | .30 | T |  | .05 | 1.60 | .67 |  |  |  |  |  | .05 |  | 1.38 | .04 | .50 | 2.56 |  |  |  | .71 | 7.40 |  |  | • |
| MILLVILLE FAA AIRPORT | 12.90 |  |  | .49 |  | T | T | .25 | .44 |  | T |  | 2.50 |  |  |  |  |  | T | T | 1.11 | .63 | .01 | 2.21 | T |  | T | T | 4.96 | .13 | .17 |  | • |
| MOORESTOWN | 8.67 |  |  | T |  |  |  | .51 | .31 |  |  | T | * | * | .88 |  |  |  |  |  | * | * | .77 | .38 | 1.12 |  |  |  | 3.28 | .92 | .50 | T | • |
| NEW BRUNSWICK | 8.26 |  |  |  | .30 | T |  | .30 | .34 |  |  | .16 | .39 | 1.66 | .16 |  |  |  | .04 |  | .02 | .22 | T | .05 | 1.38 | T | .02 | .32 | 1.26 | .83 | .81 |  | • |
| PEMBERTON 3 E | 10.18 |  |  | 1.00 |  |  |  | .47 | .14 |  |  |  | 1.26 | .31 |  |  |  |  |  | .02 | .37 | .45 | .02 | 1.75 | .04 |  | .08 |  | 2.54 | 1.44 | .29 |  | • |
| PRINCETON WATER WORKS | 7.95 |  |  | .16 |  |  |  | .76 |  |  |  |  | 1.08 | T | T |  |  |  |  |  | .15 | .03 | T | 1.53 |  |  | .45 |  | 2.92 | .82 | .05 |  | • |
| SEABROOK FARMS | 11.17 |  |  |  | T | T | .01 | .32 | .26 | T |  | T | T | 2.02 |  |  |  |  |  | .10 | .01 | 1.51 | 1.02 | .05 | 1.96 | T |  |  | 1.57 | 1.56 | .78 | T | • |
| SHILOH | 10.14 |  |  |  |  | .01 | T | .28 | .59 |  |  | .07 | .40 | .22 |  |  |  |  |  | .34 | .28 | 1.23 | .01 | 3.33 |  | .01 |  |  | 2.44 | .63 | .30 |  | • |
| TOMS RIVER | 12.21 |  |  |  | .22 |  |  | .40 | .18 |  |  |  |  | .70 | .23 |  |  |  |  | .14 | .02 | .77 | .22 | .22 | 1.31 | .02 |  | .02 | 4.65 | .23 | 2.88 |  | • |
| TRENTON WB CITY R | 7.51 |  |  | .19 |  |  |  | .95 |  |  | T | T | .54 |  |  |  |  |  | .03 |  | .13 | .05 | T | 1.51 | T |  | .68 | .88 | 2.07 | .45 | .03 |  | • |
| TUCKERTON | 11.13 | T |  | .85 |  | T |  | .51 | .44 |  | T |  | .48 | .34 |  |  |  |  |  | T | .58 | 2.42 | T | 3.08 | .12 | T | T |  | .30 | .20 | 1.80 | .01 | • |
| WOODSTOWN | 9.11 | T |  | .01 |  |  |  | .34 |  |  |  | T | .64 | .72 |  |  |  |  |  | .25 | T | .77 | T | .63 | .04 |  |  |  | 5.30 | .23 | .18 |  | • |
| • • • COASTAL 03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY R | 11.11 |  |  | 1.29 |  |  |  | .28 | .32 |  |  |  | .84 |  |  |  |  |  |  |  | .94 | .37 |  | 6.62 | .01 |  |  | .03 | .12 | .08 | .21 |  | • |
| CAPE MAY 1 NW | 6.14 |  |  |  | .21 |  |  | .08 | 2.30 |  |  | .01 |  | .60 |  |  |  |  |  |  |  | .42 | .15 | .41 | .13 |  |  |  |  | 1.25 | .58 |  | • |
| LONG BRANCH 2S | 8.12 |  |  | T | T |  |  | .74 |  |  |  | T | .36 | .09 | .02 |  |  |  | T | T | .02 | .24 | .01 | 1.20 | .08 |  | T |  | 3.57 | 1.49 | .28 | .02 | • |

# SUPPLEMENTAL DATA

|  | Wind (Speed — m.p.h.) |  |  |  |  |  | Relative humidity averages-percent |  |  |  | Number of days with precipitation |  |  |  |  |  |  | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | Standard of Time EASTERN 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total |  |  |
| ATLANTIC CITY WB AIRPORT | 18 | 2.5 | 10.0 | 29++ | 17 | 28 | 86 | 85 | 65 | 74 | 3 | 4 | 6 | 0 | 3 | 2 | 18 | 43 | 7.6 |
| ATLANTIC CITY ST. MARINA | - | - | - | 39 | NE | 23 | - | - | - | - | 0 | 3 | 5 | 2 | 1 | 1 | 12 | - | - |
| NEWARK WB AIRPORT | 16 | 0.7 | 8.4 | 29++ | 31 | 18 | 77 | 75 | 61 | 68 | 3 | 6 | 5 | 5 | 2 | 0 | 21 | - | 7.8 |
| TRENTON WB CITY | - | - | - | 29 | NW | 27 | - | - | - | - | 4 | 3 | 3 | 4 | 1 | 1 | 16 | 45 | 7.3 |

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1968 - 1969

NEW JERSEY

| Station | | JULY | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | |
| BELVIOERE | SNOWFALL | | | | | 3.5 | 6.2 | 1.6 | 16.8 | 12.0 | | | | 40.1 |
| | 1 IN ON GO | | | | | 3 | 9 | 10 | 16 | 5 | | | | 43 |
| 8ERNAROSVILLE 2 E | SNOWFALL | | | | | 3.0 | 5.0 | 2.0 | 17.5 | 4.0 | | | | 31.5 |
| | 1 IN ON GO | | | | | 4 | 3 | 3 | 18 | 1 | | | | 29 |
| BLACKWELLS MILLS | SNOWFALL | | | | | - | - | 1.6 | - | 12.0 | | | | - |
| | 1 IN ON GO | | | | | - | - | 1 | - | - | | | | - |
| BOONTON 1 SE | SNOWFALL | | | | | 4.0 | 9.0 | 1.5 | 13.6 | 5.0 | | | | 33.1 |
| | 1 IN ON GO | | | | | 1 | 2 | 1 | - | 2 | | | | - |
| BOUNO 8ROOK 2 W | SNOWFALL | | | | | - | 4.3 | 2.0 | 9.5 | 6.0 | | | | - |
| | 1 IN ON GO | | | | | - | 4 | 2 | - | - | | | | - |
| BRANCHVILLE | SNOWFALL | | | | | 6.0 | 7.0 | 2.5 | 15.0 | 18.5 | | | | 49.0 |
| | 1 IN ON GO | | | | | 5 | 8 | 5 | 21 | 18 | | | | 57 |
| CANISTEAR RESERVOIR | SNOWFALL | | | | | 9.0 | 10.0 | 3.0 | 19.0 | 13.0 | | | | 54.0 |
| | 1 IN ON GO | | | | | 5 | - | - | - | - | | | | - |
| CANOE BROOK | SNOWFALL | | | | | 2.0 | - | 1.8 | 18.5 | 6.5 | | | | - |
| | 1 IN ON GO | | | | | 3 | - | 2 | 20 | 12 | | | | - |
| CHARLOTTEBURG | SNOWFALL | | | | | 8.0 | 8.5 | 1.8 | 18.5 | 10.0 | | | | 46.8 |
| | 1 IN ON GO | | | | | 7 | 12 | 1 | 20 | 19 | | | | 59 |
| CLINTON | SNOWFALL | | | | | - | 3.5 | | 11.0 | 11.0 | | | | - |
| | 1 IN ON GO | | | | | - | - | | - | - | | | | - |
| CRANFORD | SNOWFALL | - | - | - | - | - | - | 2.0 | 16.0 | 7.5 | | | | - |
| | 1 IN ON GO | - | - | - | - | - | - | 2 | 17 | 8 | | | | - |
| ELIZABETH | SNOWFALL | | | | | | - | | 12.5 | T | | | | - |
| | 1 IN ON GO | | | | | | - | | - | | | | | - |
| ESSEX FELLS SERV 8LOG | SNOWFALL | | | | T | 5.2 | 8.7 | 2.4 | 22.6 | 6.3 | | | | 45.2 |
| | 1 IN ON GO | | | | | 4 | 7 | 4 | - | 15 | | | | - |
| FLEMINGTON 1 NE | SNOWFALL | | | | | 4.0 | 6.0 | 2.0 | 20.5 | 10.5 | | | | 43.0 |
| | 1 IN ON GO | | | | | 2 | 6 | 6 | 22 | 7 | | | | 43 |
| GREENWOOO LAKE | SNOWFALL | | | | | 15.7 | - | 2.5 | 25.0 | 7.6 | | | | - |
| | 1 IN ON GO | | | | | 6 | 17 | 20 | 25 | 19 | | | | 87 |
| HIGH POINT PARK | SNOWFALL | | | | | 8.5 | - | - | - | - | | | | - |
| | 1 IN ON GO | | | | | 10 | 1 | | - | - | | | | - |
| JERSEY CITY | SNOWFALL | | | | | T | - | T | - | T | | | | - |
| | 1 IN ON GO | | | | | | - | | - | | | | | - |
| LAMBERTVILLE | SNOWFALL | | | | | 2.0 | 6.0 | 3.0 | 12.0 | 11.5 | | | | 34.5 |
| | 1 IN ON GO | | | | | | 5 | 2 | 17 | 6 | | | | 30 |
| LAYTON 2 | SNOWFALL | | | | T | 9.7 | 3.1 | 1.4 | 11.7 | 16.5 | T | | | 42.4 |
| | 1 IN ON GO | | | | | 7 | 17 | 23 | 25 | 18 | | | | 90 |
| LITTLE FALLS | SNOWFALL | | | | | 3.0 | 4.8 | 1.8 | 15.7 | 3.8 | | | | 29.1 |
| | 1 IN ON GO | | | | | 3 | 11 | 7 | 20 | 11 | | | | 52 |
| LONG VALLEY | SNOWFALL | | | | | 4.0 | 10.0 | 2.0 | 20.0 | 15.0 | | | | 51.0 |
| | 1 IN ON GO | | | | | - | - | | - | - | | | | - |
| MAHWAH | SNOWFALL | | | | | 3.0 | 7.0 | 2.0 | 18.0 | 5.0 | | | | 35.0 |
| | 1 IN ON GO | | | | | 1 | - | 1 | - | - | | | | - |
| MANVILLE | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 1 IN ON GO | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MIOLAND PARK | SNOWFALL | | | | | 4.0 | 5.8 | 2.5 | - | - | | | | - |
| | 1 IN ON GO | | | | | | 2 | 1 | - | 3 | | | | - |
| MILTON | SNOWFALL | | | | | - | - | - | - | - | | | | - |
| | 1 IN ON GO | | | | | - | - | - | - | - | | | | - |
| MORRIS PLAINS 1 W | SNOWFALL | | | | | 4.0 | 8.5 | 2.0 | 22.0 | 5.0 | | | | 41.5 |
| | 1 IN ON GO | | | | | 4 | 8 | 6 | 21 | 6 | | | | 45 |

See Reference Notes Following Station Index

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1968 - 1969

NEW JERSEY

| Station | | JULY | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEWARK WB AIRPORT | SNOWFALL | | | | | .4 | 4.7 | 1.1 | 16.5 | 5.9 | | | | 28.6 |
| | 1 IN ON GD | | | | | | 5 | 3 | 20 | 4 | | | | 32 |
| NEW MILFORD | SNOWFALL | | | | | T | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| NEWTON | SNOWFALL | | | | | 10.5 | 8.0 | .8 | 19.0 | 21.8 | | | | 60.1 |
| | 1 IN ON GD | | | | | 4 | - | 1 | - | 14 | | | | - |
| OAK RIDGE RESERVOIR | SNOWFALL | | | | | 7.0 | 8.0 | 1.5 | 18.0 | 11.0 | | | | 45.5 |
| | 1 IN ON GD | | | | | 5 | - | - | - | - | | | | - |
| PATERSON | SNOWFALL | | | | | .3 | 7.2 | 1.8 | 18.0 | 5.2 | | | | 32.5 |
| | 1 IN ON GD | | | | | | - | | - | - | | | | - |
| PHILLIPSBURG | SNOWFALL | | | | | 2.0 | 1.0 | 1.0 | 14.0 | 8.0 | | | | 26.0 |
| | 1 IN ON GD | | | | | 1 | 1 | 1 | 5 | 1 | | | | 9 |
| PHILLIPSBURG BRIDGE | SNOWFALL | | | | | - | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | - | - | - | - | - | | | | - |
| PLAINFIELD | SNOWFALL | | | | | 2.0 | 9.5 | 2.0 | 19.6 | 9.5 | | | | 42.6 |
| | 1 IN ON GD | | | | | | 9 | 6 | 20 | - | | | | - |
| POTTERSVILLE 2 NNW | SNOWFALL | | | | | 4.0 | 6.4 | 2.5 | 17.0 | 11.4 | | | | 41.3 |
| | 1 IN ON GD | | | | | - | 6 | 11 | 20 | 10 | | | | - |
| RAHWAY | SNOWFALL | | | | | T | 4.0 | 1.5 | 18.5 | 4.6 | | | | 28.6 |
| | 1 IN ON GD | | | | | | 7 | 2 | 16 | 5 | | | | 30 |
| RINGWOOD | SNOWFALL | | | | | 3.5 | - | 2.0 | - | - | | | | - |
| | 1 IN ON GD | | | | | 3 | - | 9 | - | - | | | | - |
| SOMERVILLE | SNOWFALL | | | | | .5 | 6.0 | 2.5 | 13.7 | 8.1 | | | | 30.8 |
| | 1 IN ON GD | | | | | | 5 | 8 | 19 | 3 | | | | 35 |
| SPLIT ROCK POND | SNOWFALL | | | | | - | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | - | - | - | - | - | | | | - |
| SUSSEX 1 SE | SNOWFALL | | | | | 16.5 | 10.5 | 2.8 | - | 21.0 | | | | - |
| | 1 IN ON GD | | | | | 7 | - | 2 | - | - | | | | - |
| WANAQUE RAYMOND DAM | SNOWFALL | | | | | 3.0 | 1.0 | 1.5 | 19.5 | 4.0 | | | | 29.0 |
| | 1 IN ON GD | | | | | 3 | 1 | 1 | 15 | 2 | | | | 22 |
| WERTSVILLE | SNOWFALL | | | | | - | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | - | - | - | - | - | | | | - |
| WEST WHARTON | SNOWFALL | | | | | 6.0 | - | - | 17.5 | 15.0 | | | | - |
| | 1 IN ON GD | | | | | 6 | 12 | - | - | 16 | | | | - |
| WOODCLIFF LAKE | SNOWFALL | | | | | T | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| * * * | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | SNOWFALL | | | | | T | 4.3 | .5 | 7.0 | 17.6 | | | | 29.4 |
| | 1 IN ON GD | | | | | | 5 | | 4 | 11 | | | | 20 |
| AUDUBON | SNOWFALL | | | | | T | 3.5 | 3.0 | 7.0 | 17.0 | | | | 30.5 |
| | 1 IN ON GD | | | | | | 4 | 3 | 6 | 11 | | | | 24 |
| BASS RIVER ST FOREST | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| BELLEPLAIN ST FOREST | SNOWFALL | | | | | T | 6.0 | 2.5 | 3.0 | 10.5 | | | | 22.0 |
| | 1 IN ON GD | | | | | | 5 | 2 | 1 | 13 | | | | 21 |
| BURLINGTON | SNOWFALL | | | | | - | 3.3 | - | 1.5 | - | | | | - |
| | 1 IN ON GD | | | | | - | | - | | - | | | | - |
| CANTON | SNOWFALL | | | | | T | 2.5 | 2.0 | 5.0 | 11.0 | | | | 20.5 |
| | 1 IN ON GD | | | | | | | 1 | - | - | | | | - |
| CHATSWORTH | SNOWFALL | | | | | | - | | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | | - | - | | | | - |
| FORTESCUE | SNOWFALL | | | | | | - | | - | 10.0 | | | | - |
| | 1 IN ON GD | | | | | | - | | - | - | | | | - |

See Reference Notes Following Station Index

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1968 - 1969

NEW JERSEY

| Station | | JULY | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FREEHOLD | SNOWFALL | | | | | T | 7.0 | 1.5 | 13.7 | 8.6 | | | | 30.8 |
| | 1 IN ON GD | | | | | | 2 | 1 | 2 | 13 | | | | 18 |
| GLASS8ORO | SNOWFALL | | | | | | 6.0 | .2 | - | - | | | | - |
| | 1 IN ON GD | | | | | | 1 | | - | - | | | | - |
| HAMMONTON 2 NNE | SNOWFALL | | | | | | 5.0 | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| HIGHTSTOWN 1 N | SNOWFALL | | | | | .1 | 9.7 | 3.0 | 17.3 | 14.2 | | | | 44.3 |
| | 1 IN ON GD | | | | | | 6 | 2 | 20 | 15 | | | | 43 |
| INDIAN MILLS 2 W | SNOWFALL | | | | | T | 5.0 | 2.1 | 7.8 | 16.5 | | | | 31.4 |
| | 1 IN ON GD | | | | | | 5 | 2 | 5 | 12 | | | | 24 |
| MAYS LANDING 1 W | SNOWFALL | | | | | | 4.3 | 1.4 | 4.1 | 15.3 | | | | 25.1 |
| | 1 IN ON GD | | | | | | 5 | 3 | 2 | 13 | | | | 23 |
| MILLVILLE | SNOWFALL | | | | | | 6.5 | 2.8 | 4.0 | - | | | | - |
| | 1 IN ON GD | | | | | | - | 1 | 1 | - | | | | - |
| MILLVILLE FAA AIRPORT | SNOWFALL | | | | | T | 4.0 | 2.0 | 1.0 | 12.8 | | | | 19.8 |
| | 1 IN ON GD | | | | | | 5 | 1 | 3 | 9 | | | | 18 |
| MOORESTOWN | SNOWFALL | | | | | T | 5.5 | 3.0 | - | 10.0 | | | | - |
| | 1 IN ON GD | | | | | | - | 3 | - | - | | | | - |
| NEW BRUNSWICK | SNOWFALL | | | | | T | 8.8 | 2.5 | 17.9 | 6.1 | | | | 35.3 |
| | 1 IN ON GD | | | | | | 7 | 1 | 20 | 12 | | | | 40 |
| NEW MONMOUTH | SNOWFALL | | | | - | - | - | - | - | - | - | - | - | - |
| | 1 IN ON GD | | | | - | - | - | - | - | - | - | - | - | - |
| PEM8ERTON 3 E | SNOWFALL | | | | | | 8.5 | 2.0 | 11.0 | 18.0 | | | | 39.5 |
| | 1 IN ON GD | | | | | | 7 | 1 | 16 | 12 | | | | 36 |
| PENNSAUKEN | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 1 IN ON GD | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PRINCETON WATER WORKS | SNOWFALL | | | | | | - | 1.4 | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | | - | - | | | | - |
| SEA8ROOK FARMS | SNOWFALL | | | | | | - | 3.0 | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| SHILOH | SNOWFALL | | | | | | - | | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | | - | - | | | | - |
| TOMS RIVER | SNOWFALL | | | | | | 2.0 | T | - | 18.0 | | | | - |
| | 1 IN ON GD | | | | | | | | - | - | | | | - |
| TRENTON W8 CITY | SNOWFALL | | | | | .5 | 4.8 | 2.4 | 14.5 | 9.5 | | | | 31.7 |
| | 1 IN ON GD | | | | | | 5 | 3 | 17 | 5 | | | | 30 |
| TUCKERTON | SNOWFALL | | | | | T | 5.4 | 1.5 | 11.2 | 17.0 | | | | 35.1 |
| | 1 IN ON GD | | | | | | 5 | 1 | 15 | 14 | | | | 35 |
| WOODSTOWN | SNOWFALL | | | | | T | 2.2 | 2.0 | 8.0 | - | | | | - |
| | 1 IN ON GD | | | | | | 4 | 2 | 4 | - | | | | - |
| * * * | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | |
| ATLANTIC CITY | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 1 IN ON GD | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BELMAR 2 SW | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 1 IN ON GD | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CAPE MAY 1 NW | SNOWFALL | | | | | | 6.0 | .5 | 3.0 | 11.0 | | | | 20.5 |
| | 1 IN ON GD | | | | | | 1 | | - | - | | | | - |
| LONG BRANCH 2S | SNOWFALL | | | | | T | 7.5 | .8 | 13.2 | 12.1 | | | | 33.6 |
| | 1 IN ON GD | | | | | | 5 | 1 | 19 | 10 | | | | 35 |

# DAILY TEMPERATURES

NEW JERSEY
JULY 1969

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 88 | 85 | 81 | 81 | 83 | 85 | 81 | 62 | 72 | 79 | 75 | 80 | 78 | 81 | 85 | 86 | 89 | 93 | 91 | 80 | 69 | 80 | 81 | 67 | 76 | 72 | 73 | 82 | 73 | 79 | 83 | 79.7 |
| | MIN | 60 | 49 | 50 | 54 | 57 | 63 | 52 | 46 | 52 | 52 | 55 | 61 | 55 | 58 | 52 | 60 | 60 | 67 | 65 | 64 | 64 | 65 | 65 | 60 | 59 | 59 | 63 | 64 | 67 | 65 | 61 | 58.8 |
| BOONTON 1 SE | MAX | 89 | 84 | 80 | 81 | 82 | 85 | 82 | 60 | 79 | 83 | 79 | 80 | 75 | 81 | 86 | 90 | 89 | 92 | 90 | 80 | 69 | 81 | 72 | 66 | 74 | 73 | 74 | 86 | 80 | 77 | 85 | 80.1 |
| | MIN | 67 | 51 | 55 | 53 | 60 | 66 | 57 | 55 | 52 | 58 | 61 | 64 | 59 | 63 | 59 | 61 | 66 | 71 | 67 | 66 | 64 | 66 | 66 | 58 | 58 | 61 | 65 | 64 | 68 | 69 | 62 | 61.7 |
| CANOE BROOK | MAX | 90 | 85 | 82 | 80 | 84 | 86 | 84 | 64 | 78 | 82 | 79 | 81 | 78 | 82 | 85 | 87 | 90 | 93 | 90 | 82 | 71 | 79 | 85 | 68 | 74 | 74 | 74 | 85 | 80 | 82 | 85 | 81.3 |
| | MIN | 66 | 49 | 57 | 56 | 59 | 66 | 56 | 56 | 52 | 55 | 62 | 64 | 58 | 58 | 58 | 64 | 71 | 70 | 65 | 65 | 63 | 64 | 67 | 60 | 58 | 62 | 65 | 68 | 65 | 70 | 66 | 61.8 |
| CHARLOTTEBURG | MAX | 87 | 82 | 79 | 77 | 82 | 84 | 79 | 58 | 77 | 80 | 77 | 81 | 78 | 80 | 84 | 89 | 89 | 91 | 89 | 76 | 67 | 78 | 72 | 65 | 75 | 72 | 72 | 79 | 71 | 75 | 84 | 78.4 |
| | MIN | 59 | 49 | 53 | 53 | 55 | 60 | 54 | 53 | 49 | 51 | 55 | 64 | 57 | 59 | 56 | 58 | 68 | 70 | 66 | 62 | 63 | 64 | 64 | 56 | 56 | 56 | 62 | 65 | 66 | 67 | 62 | 59.1 |
| CRANFORD | MAX | 91 | 82 | 79 | 85 | 88 | 88 | 85 | 77 | 82 | 78 | 80 | 79 | 83 | 87 | 90 | 92 | 94 | 91 | 83 | 78 | 79 | 78 | 73 | 74 | 75 | 74 | 86 | 83 | 81 | 86 | 87 | 82.8 |
| | MIN | 70 | 56 | 58 | 56 | 69 | 69 | 57 | 59 | 53 | 55 | 66 | 65 | 59 | 62 | 63 | 65 | 72 | 72 | 67 | 68 | 66 | 68 | 64 | 62 | 58 | 65 | 66 | 69 | 69 | 71 | 65 | 64.0 |
| ELIZABETH | MAX | 90 | 81 | 80 | 84 | 87 | 86 | 78 | 78 | 82 | 80 | 80 | 80 | 80 | 85 | 89 | 92 | 95 | 90 | 76 | 71 | 72 | 70 | 67 | 67 | 72 | 72 | 78 | 75 | 78 | 84 | | 80.0 |
| | MIN | 71 | 56 | 60 | 58 | 70 | 69 | 58 | 58 | 55 | 59 | 66 | 65 | 60 | 62 | 65 | 66 | 73 | 71 | 68 | 68 | 66 | 66 | 62 | 62 | 60 | 65 | 67 | 61 | 65 | 64 | 63 | 63.8 |
| ESSEX FELLS SERV BLDG | MAX | 90 | 92 | 83 | 80 | 81 | 87 | 83 | 66 | 79 | 83 | 78 | 81 | 76 | 80 | 87 | 89 | 89 | 93 | 90 | 79 | 70 | 78 | 72 | 65 | 72 | 73 | 74 | 83 | 76 | 85 | 81 | 80.5 |
| | MIN | 68 | 48 | 57 | 55 | 65 | 64 | 56 | 55 | 53 | 57 | 63 | 63 | 58 | 59 | 59 | 66 | 69 | 70 | 66 | 66 | 60 | 62 | 65 | 60 | 58 | 64 | 64 | 68 | 69 | 64 | 68 | 61.9 |
| FLEMINGTON 1 NE | MAX | 87 | 80 | 79 | 81 | 84 | 86 | 79 | 61 | 73 | 77 | 73 | 84 | 81 | 83 | 86 | 89 | 92 | 95 | 93 | 85 | 74 | 82 | 80 | 68 | 75 | 72 | 70 | 87 | 81 | 80 | 86 | 80.7 |
| | MIN | 65 | 49 | 53 | 53 | 56 | 59 | 59 | 57 | 57 | 54 | 62 | 66 | 55 | 61 | 59 | 62 | 67 | 72 | 64 | 67 | 66 | 67 | 66 | 62 | 57 | 61 | 65 | 68 | 68 | 67 | 63 | 61.5 |
| HIGH POINT PARK | MAX | 85 | 82 | 79 | 73 | 80 | 86 | 78 | 60 | 73 | 76 | 66 | 78 | 75 | 78 | 80 | 83 | 89 | 90 | 89 | | | 74 | | 68 | 73 | 66 | 71 | 77 | 74 | 73 | 83 | 77.1 |
| | MIN | 62 | 42 | 48 | 48 | 54 | 54 | 44 | 43 | 48 | 57 | 52 | 56 | 51 | 53 | 55 | 60 | 64 | 62 | | 68 | 59 | 59 | | 49 | 53 | 59 | 62 | 63 | 65 | 63 | 61 | 55.7 |
| JERSEY CITY | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAMBERTVILLE | MAX | 91 | 85 | 85 | 86 | 91 | 88 | 82 | 77 | 83 | 81 | 85 | 82 | 82 | 87 | 89 | 92 | 94 | 94 | 90 | 80 | 83 | 83 | 75 | 76 | 78 | 80 | 89 | 85 | 80 | 87 | 87 | 84.7 |
| | MIN | 69 | 50 | 57 | 57 | 70 | 68 | 59 | 59 | 54 | 57 | 66 | 64 | 57 | 60 | 60 | 65 | 71 | 72 | 66 | 67 | 68 | 71 | 65 | 61 | 59 | 64 | 68 | 68 | 69 | 68 | 65 | 63.7 |
| LAYTON 2 | MAX | 88 | 84 | 79 | 78 | 81 | 86 | 80 | 67 | 75 | 80 | 75 | 82 | 75 | 80 | 83 | 87 | 90 | 92 | 87 | 73 | 67 | 79 | 80 | 68 | 76 | 71 | 75 | 81 | 71 | 78 | 81 | 79.0 |
| | MIN | 57 | 45 | 52 | 53 | 56 | 59 | 54 | 53 | 50 | 52 | 54 | 60 | 56 | 58 | 55 | 58 | 63 | 68 | 64 | 63 | 64 | 65 | 66 | 57 | 56 | 59 | 65 | 68 | 67 | 67 | 62 | 58.9 |
| LITTLE FALLS | MAX | 93 | 87 | 83 | 82 | 84 | 89 | 83 | 65 | 78 | 83 | 79 | 82 | 79 | 83 | 86 | 90 | 92 | 96 | 93 | 79 | 72 | 80 | 75 | 67 | 74 | 75 | 75 | 84 | 80 | 79 | 87 | 81.7 |
| | MIN | 71 | 51 | 59 | 58 | 67 | 67 | 58 | 55 | 55 | 57 | 63 | 65 | 61 | 61 | 62 | 67 | 73 | 72 | 68 | 67 | 64 | 66 | 65 | 60 | 58 | 64 | 65 | 68 | 69 | 70 | 66 | 63.6 |
| LONG VALLEY | MAX | 88 | 81 | 80 | 78 | 82 | 85 | 80 | 58 | 77 | 79 | 73 | 80 | 76 | 80 | 83 | 86 | 89 | 91 | 87 | 78 | 68 | 78 | 76 | 65 | 72 | 73 | 71 | 83 | 75 | 76 | 82 | 78.4 |
| | MIN | 56 | 46 | 49 | 48 | 63 | 65 | 56 | 55 | 49 | 46 | 60 | 63 | 55 | 58 | 54 | 55 | 67 | 68 | 67 | 63 | 63 | 65 | 63 | 59 | 53 | 52 | 59 | 65 | 65 | 66 | 60 | 58.5 |
| MORRIS PLAINS 1 W | MAX | 90 | 85 | 83 | 80 | 84 | 87 | 84 | 60 | 78 | 82 | 78 | 81 | 78 | 83 | 87 | 89 | 91 | 94 | 90 | 79 | 70 | 79 | 71 | 67 | 73 | 74 | 75 | 85 | 79 | 76 | 85 | 80.5 |
| | MIN | 61 | 47 | 54 | 53 | 56 | 67 | 57 | 50 | 45 | 53 | 57 | 64 | 59 | 62 | 56 | 61 | 68 | 72 | 66 | 61 | 64 | 65 | 65 | 59 | 57 | 60 | 63 | 66 | 67 | 68 | 62 | 60.2 |
| NEWARK WB AIRPORT | MAX | 87 | 77 | 78 | 82 | 90 | 84 | 72 | 77 | 81 | 79 | 80 | 79 | 80 | 88 | 87 | 92 | 95 | 93 | 83 | 72 | 77 | 74 | 70 | 73 | 73 | 73 | 83 | 81 | 78 | 86 | 85 | 80.9 |
| | MIN | 67 | 61 | 66 | 63 | 72 | 72 | 59 | 62 | 61 | 65 | 69 | 68 | 64 | 66 | 70 | 71 | 74 | 75 | 72 | 67 | 68 | 69 | 63 | 63 | 63 | 68 | 68 | 71 | 72 | 72 | 71 | 67.5 |
| NEWTON | MAX | 91 | 85 | 82 | 79 | 85 | 89 | 81 | 59 | 78 | 81 | 78 | 82 | 76 | 83 | 85 | 89 | 92 | 94 | 88 | 75 | 70 | 81 | 80 | 69 | 76 | 73 | 75 | 85 | 77 | 79 | 86 | 80.7 |
| | MIN | 67 | 43 | 52 | 50 | 52 | 62 | 52 | 51 | 47 | 51 | 60 | 64 | 52 | 53 | 53 | 61 | 67 | 67 | 61 | 62 | 64 | 65 | 65 | 57 | 55 | 59 | 63 | 66 | 67 | 67 | 60 | 58.5 |
| PATERSON | MAX | 93 | 87 | 84 | 84 | 87 | 90 | 84 | 65 | 84 | 84 | 75 | 83 | 79 | 81 | 88 | 90 | 95 | 97 | 95 | 81 | 71 | 81 | 75 | 68 | 75 | 76 | 75 | 85 | 80 | 78 | 88 | 82.5 |
| | MIN | 74 | 57 | 63 | 59 | 67 | 68 | 59 | 56 | 57 | 61 | 65 | 67 | 62 | 63 | 64 | 71 | 75 | 76 | 72 | 68 | 67 | 67 | 66 | 61 | 60 | 65 | 67 | 70 | 70 | 70 | 69 | 65.7 |
| PHILLIPSBURG | MAX | 93 | 87 | 85 | 86 | 88 | 91 | 91 | 76 | 82 | 84 | 83 | 83 | 81 | 87 | 89 | 92 | 95 | 95 | 92 | 81 | 83 | 85 | 79 | 79 | 78 | 76 | 87 | 87 | 79 | 87 | 88 | 85.5 |
| | MIN | 69 | 50 | 57 | 54 | 70 | 71 | 54 | 54 | 53 | 57 | 62 | 66 | 57 | 61 | 59 | 62 | 66 | 71 | 66 | 66 | 66 | 70 | 64 | 60 | 60 | 64 | 65 | 68 | 69 | 67 | 63 | 62.6 |
| PLAINFIELD | MAX | 85 | 85 | 80 | 86 | 89 | 85 | 68 | 78 | 84 | 80 | 81 | 80 | 84 | 87 | 90 | 92 | 95 | 92 | 85 | 73 | 79 | 73 | 70 | 75 | 75 | 75 | 87 | 82 | 78 | 87 | 87 | 82.2 |
| | MIN | 68 | 55 | 59 | 55 | 67 | 68 | 60 | 58 | 54 | 57 | 66 | 65 | 58 | 61 | 61 | 65 | 70 | 72 | 66 | 69 | 66 | 70 | 66 | 61 | 59 | 65 | 65 | 69 | 69 | 70 | 66 | 63.9 |
| SOMERVILLE | MAX | 89 | 84 | 84 | 86 | 90 | 86 | 80 | 79 | 83 | 79 | 84 | 84 | 85 | 88 | 90 | 92 | 96 | 93 | 88 | 76 | 82 | 77 | 73 | 76 | 77 | 77 | 87 | 81 | 79 | 88 | 88 | 83.9 |
| | MIN | 68 | 52 | 57 | 54 | 67 | 68 | 57 | 56 | 52 | 56 | 64 | 65 | 57 | 60 | 60 | 63 | 68 | 70 | 65 | 67 | 65 | 70 | 64 | 61 | 59 | 64 | 66 | 68 | 67 | 69 | 64 | 62.7 |
| SUSSEX 1 SE | MAX | 88 | 85 | 80 | 78 | 82 | 87 | 81 | 57 | 75 | 81 | 77 | 81 | 76 | 82 | 85 | 88 | 90 | 94 | 89 | 71 | 71 | 81 | 78 | 67 | 75 | 72 | 75 | 82 | 77 | 79 | 84 | 79.6 |
| | MIN | 59 | 42 | 49 | 49 | 52 | 56 | 50 | 50 | 46 | 49 | 52 | 60 | 52 | 52 | 52 | 57 | 63 | 63 | 62 | 60 | 60 | 61 | 62 | 54 | 53 | 54 | 61 | 62 | 63 | 64 | 63 | 55.9 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 97 | 81 | 80 | 79 | 89 | 85 | 72 | 73 | 77 | 75 | 80 | 80 | 81 | 85 | 83 | 91 | 92 | 95 | 86 | 81 | 81 | 76 | 73 | 68 | 74 | 76 | 82 | 85 | 84 | 89 | 85 | 81.8 |
| | MIN | 65 | 59 | 61 | 55 | 71 | 69 | 64 | 54 | 52 | 55 | 67 | 61 | 59 | 60 | 59 | 68 | 72 | 75 | 71 | 72 | 71 | 70 | 65 | 57 | 53 | 63 | 68 | 73 | 72 | 72 | 69 | 64.6 |
| AUDUBON | MAX | 87 | 85 | 86 | 87 | 89 | 85 | 73 | 78 | 81 | 76 | 87 | 82 | 85 | 87 | 90 | 92 | 94 | 95 | 90 | 78 | 82 | 82 | 72 | 78 | 79 | 82 | 90 | 83 | 81 | 88 | 88 | 84.3 |
| | MIN | 68 | 60 | 68 | 60 | 72 | 73 | 63 | 60 | 57 | 58 | 69 | 63 | 61 | 65 | 63 | 68 | 72 | 73 | 70 | 70 | 69 | 71 | 63 | 61 | 60 | 67 | 68 | 69 | 70 | 70 | 69 | 66.1 |
| BELLEPLAIN ST FOREST | MAX | 92 | 87 | 85 | 83 | 91 | 88 | 82 | 74 | 80 | 80 | 83 | 83 | 84 | 88 | 86 | 92 | 92 | 97 | 95 | 86 | 84 | 85 | 81 | 71 | 76 | 78 | 80 | 85 | 85 | 86 | 86 | 84.7 |
| | MIN | 71 | 59 | 63 | 56 | 68 | 68 | 68 | 63 | 52 | 55 | 66 | 66 | 57 | 60 | 63 | 65 | 72 | 72 | 69 | 71 | 68 | 68 | 70 | 62 | 56 | 62 | 63 | 65 | 70 | 71 | 66 | 64.7 |
| BURLINGTON | MAX | 90 | 87 | 88 | 88 | 88 | 88 | 85 | 85 | 85 | 80 | 86 | 83 | 85 | 83 | 85 | 85 | 93 | 98 | 93 | 90 | 88 | 79 | 68 | 71 | 74 | 80 | 81 | 78 | 79 | 85 | 87 | 84.4 |
| | MIN | 71 | 57 | 61 | 62 | 71 | 73 | 68 | 64 | 58 | 60 | 69 | 64 | 63 | 63 | 67 | 68 | 76 | 75 | 75 | 72 | 69 | 68 | 66 | 62 | 62 | 60 | 68 | 69 | 73 | 74 | 70 | 67.0 |
| CHATSWORTH | MAX | 88 | 85 | 80 | | 88 | 87 | 80 | 74 | 81 | 75 | 84 | 80 | 83 | 87 | 88 | 91 | 94 | 95 | 93 | 78 | 78 | 76 | 73 | 69 | 76 | 77 | | 85 | 82 | 87 | 87 | 82.8 |
| | MIN | 69 | 53 | 60 | | 60 | 70 | 63 | 61 | 51 | 55 | 67 | 63 | 60 | 62 | 60 | 64 | 70 | 72 | 67 | 70 | 69 | 70 | 64 | 62 | 55 | 64 | | 65 | 70 | 70 | 66 | 63.9 |
| FREEHOLD | MAX | 90 | 86 | 80 | 80 | 82 | 87 | 84 | 64 | 73 | 80 | 77 | 82 | 78 | 82 | 85 | 86 | 88 | 92 | 90 | 82 | 71 | 76 | 75 | 67 | 70 | 75 | 76 | 84 | 81 | 77 | 84 | 80.1 |
| | MIN | 68 | 53 | 59 | 56 | 67 | 69 | 62 | 61 | 54 | 56 | 66 | 68 | 58 | 60 | 60 | 65 | 71 | 71 | 65 | 68 | 67 | 68 | 66 | 61 | 56 | 63 | 66 | 68 | 68 | 69 | 66 | 63.7 |
| GLASSBORO | MAX | 92 | 90 | 86 | 86 | 84 | 88 | 86 | 68 | 78 | 81 | 77 | 86 | 80 | 84 | 89 | 91 | 93 | 95 | 94 | 88 | 89 | 86 | 81 | 70 | 72 | 78 | 82 | 86 | 84 | 82 | 86 | 84.3 |
| | MIN | 68 | 53 | 62 | 58 | 62 | 64 | 60 | 62 | 52 | 53 | 60 | 66 | 64 | 58 | 60 | 63 | 68 | 70 | 66 | 60 | 65 | 68 | 66 | 62 | 55 | 62 | 68 | 64 | 66 | 68 | 68 | 62.6 |
| HAMMONTON 2 NNE | MAX | 94 | 93 | 89 | 83 | 88 | 90 | 87 | 70 | 75 | 83 | 78 | 87 | 84 | 86 | 88 | 90 | 92 | 95 | 98 | 91 | 79 | 82 | 77 | 70 | 70 | 80 | 85 | 88 | 84 | 85 | 89 | 84.8 |
| | MIN | 70 | 56 | 64 | 58 | 67 | 70 | 64 | 61 | 55 | 58 | 67 | 68 | 60 | 62 | 62 | 67 | 71 | 73 | 70 | 69 | 69 | 70 | 67 | 61 | 58 | 64 | 65 | 70 | 69 | 70 | 69 | 65.3 |
| HIGHTSTOWN 1 N | MAX | 85 | 83 | 80 | 84 | 88 | 85 | 73 | 75 | 82 | 75 | 83 | 79 | 82 | 86 | 89 | 92 | 96 | 92 | 85 | 74 | 77 | 77 | 72 | 70 | 76 | 79 | 86 | 83 | 80 | 86 | 87 | 82.0 |
| | MIN | 69 | 51 | 58 | 55 | 68 | 68 | 60 | 59 | 53 | 58 | 68 | 63 | 57 | 60 | 61 | 65 | 71 | 71 | 65 | 68 | 67 | 68 | 63 | 62 | 55 | 64 | 67 | 68 | 69 | 69 | 66 | 63.4 |
| INDIAN MILLS 2 W | MAX | 88 | 84 | 81 | 85 | 88 | 84 | 73 | 75 | 80 | 75 | 85 | 79 | 81 | 86 | 90 | 92 | 93 | 94 | 90 | 80 | 78 | 78 | 72 | 68 | 78 | 78 | 85 | 83 | 80 | 86 | 87 | 82.5 |
| | MIN | 68 | 51 | 60 | 57 | 68 | 70 | 64 | 61 | 50 | 55 | 67 | 63 | 58 | 60 | 58 | 63 | 71 | 70 | 67 | 69 | 69 | 71 | 65 | 61 | 54 | 64 | 65 | 69 | 70 | 69 | 66 | 63.6 |
| MILLVILLE | MAX | 94 | 91 | 86 | 80 | 85 | 89 | 86 | 76 | 74 | 81 | 77 | 84 | 82 | 83 | 87 | 89 | 90 | 93 | 95 | 92 | 86 | 84 | 83 | 75 | 70 | 80 | 81 | 88 | 84 | | | 84.3 |
| | MIN | 72 | 58 | 68 | 60 | 69 | 70 | 67 | 62 | 54 | 58 | 66 | 67 | 60 | 63 | 64 | 66 | 73 | 74 | 70 | 73 | 70 | 71 | 69 | 62 | 58 | 65 | 67 | 71 | 74 | | | 66.2 |
| MILLVILLE FAA AIRPORT | MAX | 88 | 85 | 79 | 83 | 90 | 83 | 75 | 74 | 79 | 75 | 83 | 81 | 82 | 85 | 87 | 91 | 93 | 94 | 91 | 84 | 84 | 82 | 74 | 69 | 79 | 79 | 85 | 82 | 82 | 86 | 87 | 82.9 |
| | MIN | 69 | 63 | 64 | 62 | 73 | 69 | 66 | 59 | 56 | 59 | 67 | 63 | 60 | 64 | 65 | 67 | 74 | 74 | 73 | 72 | 72 | 71 | 66 | 63 | 60 | 66 | 68 | 72 | 72 | 72 | 70 | 66.8 |
| MOORESTOWN | MAX | 86 | 84 | 84 | 85 | 88 | 83 | 70 | 74 | 77 | 75 | 87 | 80 | 83 | 85 | 89 | 90 | 93 | 95 | 89 | 76 | 79 | 82 | 73 | 71 | 78 | 80 | 86 | 82 | 83 | 85 | 86 | 82.5 |
| | MIN | 72 | 62 | 64 | 58 | 72 | 65 | 63 | 60 | 53 | 56 | 67 | 65 | 62 | 68 | 61 | 69 | 72 | 71 | 69 | 70 | 70 | 73 | 66 | 61 | 59 | 66 | 68 | 64 | 69 | 71 | 67 | 65.6 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

NEW JERSEY
JULY 1969

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | MAX | 91 | 85 | 82 | 77 | 83 | 88 | 84 | 63 | 76 | 80 | 77 | 83 | 79 | 84 | 86 | 88 | 90 | 93 | 91 | 83 | 74 | 78 | 73 | 68 | 72 | 75 | 75 | 86 | 84 | 79 | 86 | 81.1 |
| | MIN | 69 | 56 | 62 | 57 | 68 | 70 | 60 | 58 | 55 | 58 | 64 | 66 | 59 | 64 | 63 | 66 | 70 | 72 | 67 | 68 | 66 | 70 | 66 | 60 | 59 | 62 | 66 | 68 | 67 | 70 | 67 | 64.3 |
| PEMBERTON 3 E | MAX | 88 | 85 | 83 | 86 | 89 | 84 | 75 | 74 | 85 | 80 | 87 | 84 | 84 | 86 | 90 | 92 | 95 | 95 | 92 | 80 | 76 | 76 | 73 | 70 | 76 | 79 | 85 | 82 | 82 | 88 | 90 | 83.6 |
| | MIN | 66 | 52 | 61 | 56 | 68 | 68 | 64 | 61 | 51 | 55 | 66 | 65 | 58 | 60 | 60 | 62 | 68 | 69 | 68 | 68 | 69 | 69 | 68 | 62 | 54 | 54 | 66 | 68 | 69 | 69 | 66 | 63.2 |
| SEABROOK FARMS | MAX | 91 | 90 | 85 | 84 | 80 | 89 | 85 | 74 | 75 | 80 | 76 | 85 | 81 | 83 | 86 | 88 | 91 | 93 | 94 | 90 | 85 | 82 | 81 | 71 | 70 | 79 | 89 | 86 | 84 | 82 | 86 | 83.7 |
| | MIN | 74 | 60 | 67 | 58 | 62 | 69 | 66 | 62 | 55 | 59 | 68 | 70 | 60 | 63 | 64 | 67 | 73 | 72 | 72 | 71 | 69 | 72 | 69 | 62 | 60 | 66 | 67 | 70 | 70 | 70 | 69 | 66.3 |
| SHILOH | MAX | 88 | 84 | 84 | 83 | 88 | 88 | 82 | 74 | 78 | 78 | 82 | 88 | 80 | 86 | 86 | 90 | 93 | 95 | 95 | 87 | 82 | 83 | 82 | 70 | 78 | 80 | 86 | 82 | 82 | 85 | 86 | 84.0 |
| | MIN | 72 | 58 | 67 | 61 | 70 | 69 | 66 | 61 | 58 | 56 | 67 | 66 | 60 | 65 | 64 | 66 | 71 | 72 | 71 | 70 | 69 | 71 | 67 | 61 | 60 | 65 | 67 | 69 | 69 | 69 | 69 | 66.0 |
| TOMS RIVER | MAX | 91 | 90 | 80 | 80 | 81 | 90 | 85 | 70 | 74 | 80 | 77 | 82 | 79 | 84 | 86 | 84 | 92 | 94 | 95 | 84 | 76 | 76 | 75 | 73 | 69 | 75 | 76 | 82 | 81 | 81 | 86 | 81.5 |
| | MIN | 68 | 57 | 60 | 57 | 64 | 70 | 65 | 63 | 51 | 56 | 63 | 69 | 60 | 61 | 60 | 65 | 68 | 72 | 63 | 71 | 69 | 70 | 67 | 63 | 55 | 60 | 66 | 69 | 69 | 71 | 68 | 64.2 |
| TRENTON WB CITY | MAX | 85 | 83 | 80 | 84 | 89 | 83 | 70 | 74 | 80 | 74 | 86 | 79 | 82 | 86 | 88 | 92 | 94 | 93 | 85 | 74 | 77 | 77 | 69 | 71 | 76 | 77 | 85 | 83 | 79 | 86 | 87 | 81.5 |
| | MIN | 66 | 60 | 64 | 61 | 71 | 69 | 60 | 60 | 60 | 64 | 69 | 64 | 62 | 66 | 66 | 69 | 73 | 74 | 71 | 68 | 68 | 69 | 62 | 60 | 64 | 65 | 69 | 69 | 72 | 71 | 70 | 66.3 |
| TUCKERTON | MAX | 90 | 80 | 74 | 79 | 90 | 84 | 72 | 74 | 77 | 75 | 79 | 79 | 84 | 86 | 80 | 91 | 93 | 95 | 84 | 80 | 79 | 79 | 72 | 69 | 74 | 75 | 81 | 82 | 81 | 85 | 85 | 80.9 |
| | MIN | 71 | 57 | 62 | 57 | 69 | 72 | 65 | 62 | 53 | 56 | 66 | 69 | 59 | 62 | 61 | 68 | 71 | 74 | 70 | 74 | 70 | 71 | 65 | 64 | 56 | 64 | 68 | 73 | 71 | 70 | 69 | 65.8 |
| WOODSTOWN | MAX | 90 | 85 | 89 | 88 | 91 | 89 | 82 | 75 | 82 | 76 | 87 | 83 | 85 | 87 | 90 | 93 | 95 | 97 | 94 | 85 | 83 | 82 | 81 | 71 | 80 | 82 | 87 | 83 | 83 | 87 | 88 | 85.5 |
| | MIN | 73 | 56 | 66 | 57 | 71 | 68 | 66 | 61 | 54 | 57 | 69 | 67 | 59 | 63 | 63 | 64 | 71 | 71 | 71 | 69 | 68 | 72 | 66 | 62 | 59 | 66 | 66 | 68 | 69 | 68 | 68 | 65.4 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 91 | 77 | 76 | 77 | 87 | 82 | 74 | 74 | 78 | 75 | 80 | 78 | 83 | 85 | 83 | 84 | 88 | 95 | 86 | 81 | 81 | 78 | 75 | 70 | 76 | 75 | 79 | 80 | 79 | 80 | 83 | 80.3 |
| | MIN | 72 | 64 | 66 | 65 | 73 | 72 | 68 | 66 | 62 | 65 | 71 | 65 | 64 | 67 | 70 | 73 | 76 | 78 | 76 | 73 | 74 | 73 | 69 | 64 | 63 | 69 | 72 | 75 | 75 | 75 | 75 | 70.0 |
| CAPE MAY 1 NW | MAX | 85 | 91 | 79 | 81 | 80 | 92 | 84 | 78 | 77 | 76 | 76 | | 77 | 81 | 83 | 83 | 87 | 90 | 92 | 86 | 83 | 81 | 80 | 81 | 71 | 75 | 76 | 81 | 83 | 82 | 83 | 81.8 |
| | MIN | 71 | 63 | 67 | 64 | 69 | 73 | 69 | 64 | 60 | 60 | 70 | | 66 | 66 | 67 | 67 | 73 | 77 | 74 | 74 | 70 | 70 | 73 | 64 | 60 | 66 | 68 | 75 | 72 | 72 | 71 | 68.5 |
| LONG BRANCH 2S | MAX | 87 | 79 | 77 | 79 | 88 | 84 | 78 | 73 | 78 | 77 | 79 | 76 | 79 | 84 | 82 | 89 | 92 | 92 | 83 | 75 | 73 | 73 | 71 | 70 | 74 | 73 | 81 | 77 | 77 | 83 | 83 | 79.5 |
| | MIN | 70 | 56 | 62 | 59 | 70 | 71 | 63 | 63 | 56 | 60 | 69 | 69 | 60 | 62 | 63 | 69 | 72 | 73 | 68 | 70 | 69 | 69 | 64 | 63 | 58 | 66 | 69 | 69 | 70 | 72 | 69 | 65.9 |

# EVAPORATION AND WIND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | EVAP | .26 | .14 | .24 | .17 | .20 | .14 | .25 | .02 | .20 | .22 | .10 | .24 | .10 | .04 | .36 | .18 | .29 | .27 | .19 | .19 | .00 | .07 | .12 | .07 | .05 | .07 | - | - | - | .25 | .19 | 5.128 |
| | WIND | 47 | 9 | 25 | 39 | 37 | 25 | 12 | 49 | 17 | 20 | 34 | 19 | 10 | 23 | 29 | 9 | 44 | 42 | 10 | 35 | 21 | 22 | 17 | 39 | 26 | 23 | 27 | 58 | 33 | 19 | 15 | 835 |
| | MAX | 93 | 85 | 91 | 88 | 92 | 84 | 91 | 65 | 87 | 92 | 92 | 95 | 88 | 88 | 92 | 96 | 95 | 96 | 96 | 84 | 74 | 79 | 85 | 79 | 88 | 87 | 85 | 85 | 86 | 91 | 92 | 87.8 |
| | MIN | 63 | 57 | 57 | 57 | 62 | 66 | 65 | 59 | 60 | 66 | 62 | 68 | 64 | 64 | 67 | 69 | 72 | 73 | 74 | 68 | 72 | 72 | 67 | 63 | 64 | 66 | 66 | 68 | 70 | 71 | 73 | 66.0 |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | EVAP | .36 | .30 | .21 | .25 | .34 | .27 | .24 | .02 | .23 | .28 | .18 | .17 | .33 | .32 | .31 | .29 | .35 | .30 | .30 | .26 | .06 | .05 | .06 | .11 | .10 | .03 | .18 | - | - | - | .18 | 6.738 |
| | WIND | 79 | 72 | 53 | 65 | 81 | 81 | 41 | 60 | 51 | 55 | 44 | 45 | 55 | 59 | 47 | 50 | 86 | 91 | 68 | 90 | 52 | 38 | 52 | 94 | 43 | 43 | 47 | 79 | 53 | 32 | 52 | 1858 |
| | MAX | 93 | 84 | 88 | 82 | 90 | 87 | 91 | 67 | 82 | 88 | 80 | 85 | 77 | 86 | 90 | 95 | 92 | 94 | 94 | 85 | 71 | 79 | 74 | 67 | 76 | 77 | 77 | 89 | 89 | 81 | 92 | 83.9 |
| | MIN | 65 | 59 | 59 | 62 | 66 | 70 | 66 | 60 | 60 | 60 | 61 | 68 | 62 | 62 | 65 | 69 | 70 | 71 | 72 | 67 | 69 | 71 | 67 | 61 | 61 | 64 | 65 | 70 | 70 | 72 | 71 | 65.6 |
| PEMBERTON 3 E | EVAP | .23 | .21 | .23 | .18 | .22 | .18 | .04 | .08 | .15 | .15 | .17 | .06 | .24 | .16 | .22 | .24 | .23 | .22 | .21 | .06 | .00 | .07 | - | .11 | .17 | .05 | .12 | - | - | .08 | .15 | 4.688 |
| | WIND | 21 | 17 | 18 | 17 | 33 | 13 | 21 | 50 | 9 | 12 | 8 | 17 | 15 | 18 | 10 | 14 | 14 | 8 | 17 | 32 | 21 | 22 | 54 | 46 | 21 | 8 | 27 | 28 | 36 | 12 | 4 | 643 |
| SEABROOK FARMS | EVAP | .36 | .31 | .33 | .25 | .29 | .29 | .22 | .08 | .13 | .24 | .11 | .17 | - | .32 | .29 | .30 | .35 | .28 | .21 | .30 | .24 | .34 | - | - | - | .13 | .10 | .45 | .21 | .11 | .22 | 7.618 |
| | MAX | 95 | 88 | 90 | 89 | 90 | 89 | 86 | 74 | 79 | 87 | 76 | 89 | 83 | 88 | 91 | 95 | 93 | 96 | 100 | 96 | 85 | 85 | 89 | 71 | 72 | 85 | 86 | 93 | 85 | 84 | 93 | 87.2 |
| | MIN | 70 | 64 | 62 | 64 | 65 | 71 | 67 | 62 | 61 | 62 | 64 | 76 | 68 | 67 | 66 | 70 | 71 | 72 | 74 | 72 | 70 | 71 | 69 | 62 | 62 | 64 | 67 | 71 | 70 | 68 | 71 | 67.5 |

# MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1968 - 1969

NEW JERSEY

| Station | JULY | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | TOTAL | NORMALS JULY-JUNE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | |
| BELVIDERE | 2 | 30 | 54 | 323 | 708 | 1142 | 1184 | 988 | 896 | 454 | 207 | 33 | 6021 | 5468 |
| BOONTON 1 SE | 1 | 23 | 44 | 311 | 672 | 1106 | 1179 | 1011 | 910 | 425 | 199 | 29 | 5910 | 5868 |
| CANOE BROOK | 0 | 16 | 42 | 289 | 679 | 1082 | 1176 | 1008 | 887 | 413 | 206 | 21 | 5819 | 5847 |
| CHARLOTTEBURG | 7 | 34 | 75 | 337 | 724 | 1177 | 1245 | 1072 | 1010 | 500 | 255 | 49 | 6485 | 6083 |
| CRANFORD | | | | | | | 1077 | 931 | 820 | 337 | 142 | 6 | | |
| ELIZABETH | 0 | | 7 | 213 | 568 | 970 | 1025 | 924 | 788 | 308 | 106 | 4 | | |
| ESSEX FELLS SERV BLDG | 0 | 12 | 36 | 292 | 657 | 1095 | 1160 | 987 | 889 | 385 | 174 | 14 | 5701 | |
| FLEMINGTON 1 NE | 4 | 21 | 57 | 313 | 662 | 1112 | 1190 | 992 | 900 | 417 | 224 | 19 | 5911 | 5254 |
| HIGH POINT PARK | 0 | | 117 | | 829 | 1333 | 1378 | | | | | | | |
| JERSEY CITY | 0 | 0 | 7 | 211 | 569 | 982 | 1051 | 920 | 798 | 348 | 119 | 1 | 5006 | 5116 |
| LAMBERTVILLE | 0 | 6 | 25 | 239 | 587 | 999 | 1075 | 928 | 808 | 343 | 121 | 7 | 5138 | 5246 |
| LAYTON 2 | 10 | 38 | 69 | 380 | 760 | 1224 | 1308 | 1068 | 1001 | 509 | 273 | 55 | 6695 | |
| LITTLE FALLS | 0 | 3 | 19 | 260 | 615 | 1053 | 1117 | 957 | 841 | 364 | 149 | 6 | 5384 | 5337 |
| LONG VALLEY | 11 | 51 | 119 | 395 | 771 | 1203 | 1263 | 1050 | 1004 | 496 | 270 | 54 | 6687 | |
| MORRIS PLAINS 1 W | 2 | 15 | 49 | 319 | 691 | 1144 | 1191 | 1012 | 915 | | 231 | 30 | | |
| NEWARK WB AIRPORT | 0 | 0 | 6 | 193 | 573 | 1003 | 1039 | 938 | 804 | 317 | 101 | 2 | 4976 | 4859 |
| NEWTON | 10 | 39 | 78 | 368 | 746 | 1197 | 1263 | 1058 | 964 | 462 | 218 | 35 | 6438 | 6163 |
| PATERSON | 0 | 0 | 9 | 215 | 582 | 1010 | 1082 | 909 | 788 | 348 | 128 | 0 | 5071 | 5203 |
| PHILLIPSBURG | 0 | 9 | 22 | 244 | 586 | 994 | 1082 | 911 | 789 | 329 | 133 | 6 | 5105 | 5457 |
| PLAINFIELD | 0 | 3 | 18 | 250 | 614 | 1021 | 1088 | 937 | 823 | 327 | 125 | 8 | 5214 | 5219 |
| SOMERVILLE | 0 | 3 | 29 | 264 | 608 | 1027 | 1093 | 939 | 847 | 348 | 136 | 7 | 5301 | 5357 |
| SUSSEX 1 SE | 16 | 50 | | 418 | 800 | 1257 | 1310 | 1119 | 1051 | 532 | 285 | 64 | | 5984 |
| * * * | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 0 | 18 | 45 | 314 | 629 | 1031 | 1068 | 926 | 847 | 354 | 150 | 29 | 5411 | 4812 |
| AUDUBON | 0 | 0 | 7 | 186 | 529 | 947 | 1024 | 874 | 755 | 274 | 81 | 1 | 4678 | |
| BELLEPLAIN ST FOREST | 0 | 8 | 33 | 223 | 483 | 934 | 1026 | 866 | 782 | 328 | 125 | 11 | 4819 | |
| BURLINGTON | 0 | 0 | 0 | 206 | 524 | 907 | 1036 | 869 | 739 | 280 | 65 | 2 | 4628 | 4663 |
| CHATSWORTH | 0 | 8 | 39 | 237 | 539 | 980 | 1079 | 920 | 818 | 362 | 134 | 10 | 5126 | |
| FREEHOLD | 0 | 13 | 34 | 275 | 606 | 1038 | 1131 | 994 | 871 | 376 | | 8 | | 5103 |
| GLASSBORO | 0 | 4 | 15 | 226 | 556 | 992 | 1087 | 909 | 781 | 309 | 109 | 3 | 4991 | |
| HAMMONTON 2 NNE | 0 | 0 | 10 | 205 | 515 | 954 | 1070 | 888 | 769 | 298 | 109 | 1 | 4819 | 4724 |
| HIGHTSTOWN 1 N | 0 | 8 | 32 | 260 | 575 | 987 | 1085 | 948 | 826 | 326 | 135 | 7 | 5189 | 5163 |
| INDIAN MILLS 2 W | 1 | 22 | 56 | 294 | 584 | 999 | 1091 | 931 | 826 | 336 | 147 | 10 | 5297 | 5035 |
| MILLVILLE | 0 | 2 | 20 | 208 | 502 | 967 | 1080 | 880 | 805 | 329 | 127 | 4 | 4924 | |
| MILLVILLE FAA AIRPORT | 0 | 4 | 14 | 217 | 521 | 962 | 1033 | 886 | 815 | 345 | 126 | 8 | 4931 | |
| MOORESTOWN | 0 | 4 | 24 | 266 | 612 | 1034 | 1094 | 939 | 795 | 351 | 128 | 3 | 5250 | 5070 |
| NEW BRUNSWICK | 0 | 6 | 21 | 257 | 608 | 1033 | 1125 | 949 | 840 | 349 | 152 | 6 | 5346 | 5138 |
| NEW MONMOUTH | 0 | | | | | | | | | | | | | |
| PEMBERTON 3 E | 0 | 11 | 41 | 247 | 538 | 971 | 1082 | 939 | 815 | 337 | 146 | 6 | 5133 | 4835 |
| SEABROOK FARMS | 0 | 1 | 13 | 215 | 536 | 981 | 1081 | 888 | 802 | 330 | 128 | 3 | 4978 | |
| SHILOH | 0 | 2 | 6 | 194 | 517 | 946 | 1045 | 884 | 767 | 316 | 102 | 2 | 4781 | 4729 |
| TOMS RIVER | 0 | 10 | 50 | 253 | 552 | 971 | 1094 | 936 | 839 | 379 | 191 | 10 | 5285 | |
| TRENTON WB CITY | 0 | 0 | 9 | 221 | 555 | 965 | 1036 | 898 | 789 | 297 | 98 | 1 | 4869 | 4980 |
| TUCKERTON | 1 | 5 | 27 | 232 | 515 | 949 | 1064 | 911 | 826 | 394 | 183 | 11 | 5118 | |
| WOODSTOWN | 0 | 3 | 19 | 216 | 533 | 973 | 1064 | 925 | 770 | 299 | 93 | 2 | 4897 | |
| * * * | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | |
| ATLANTIC CITY | 0 | 0 | 1 | 180 | 490 | 903 | 1005 | 872 | 810 | 358 | 141 | 2 | 4762 | 4684 |
| CAPE MAY 1 NW | 0 | 0 | 0 | 119 | 459 | 936 | 1021 | 866 | 811 | 384 | 168 | 3 | 4767 | |
| LONG BRANCH 2S | 0 | 0 | 8 | 210 | 532 | 951 | 1053 | 929 | 825 | 373 | 164 | 7 | 5052 | 5162 |

See Reference Notes Following Station Index

# DAILY SOIL TEMPERATURES

NEW JERSEY
JULY 1969

| Station | Depth (IN) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 81 | 88 | 80 | 92 | 88 | 90 | 75 | 82 | 88 | 82 | 85 | 81 | 85 | 85 | 89 | 89 | 89 | 90 | 84 | 76 | 84 | 76 | 74 | 75 | 76 | 76 | 84 | 80 | 82 | 86 | 87 | 83.1 |
| | | MIN | 70 | 65 | 69 | 66 | 72 | 72 | 67 | 67 | 66 | 68 | 72 | 71 | 69 | 70 | 70 | 73 | 74 | 75 | 74 | 73 | 72 | 74 | 69 | 68 | 68 | 71 | 71 | 73 | 74 | 75 | 74 | 70.7 |
| | 2 | MAX | 79 | 83 | 79 | 86 | 84 | 86 | 75 | 80 | 84 | 80 | 82 | 79 | 80 | 82 | 85 | 85 | 86 | 86 | 82 | 76 | 85 | 76 | 73 | 75 | 76 | 76 | 81 | 78 | 80 | 84 | 84 | 80.9 |
| | | MIN | 71 | 67 | 70 | 68 | 73 | 72 | 68 | 68 | 67 | 70 | 72 | 72 | 70 | 71 | 71 | 74 | 75 | 76 | 75 | 74 | 73 | 74 | 70 | 69 | 69 | 71 | 72 | 73 | 74 | 75 | 74 | 71.5 |
| | 4 | MAX | 77 | 81 | 78 | 83 | 82 | 83 | 76 | 78 | 80 | 78 | 80 | 77 | 78 | 79 | 83 | 83 | 83 | 84 | 80 | 76 | 83 | 76 | 74 | 74 | 75 | 75 | 79 | 77 | 79 | 82 | 82 | 79.2 |
| | | MIN | 73 | 69 | 71 | 70 | 73 | 73 | 69 | 68 | 69 | 71 | 72 | 72 | 70 | 71 | 71 | 74 | 75 | 76 | 76 | 73 | 73 | 74 | 70 | 69 | 70 | 71 | 72 | 74 | 74 | 75 | 75 | 72.0 |
| | 8 | MAX | 75 | 77 | 75 | 77 | 79 | 78 | 76 | 75 | 77 | 76 | 76 | 74 | 75 | 76 | 78 | 78 | 79 | 81 | 78 | 76 | 80 | 76 | 74 | 73 | 73 | 74 | 76 | 76 | 76 | 78 | 78 | 76.5 |
| | | MIN | 73 | 71 | 72 | 71 | 73 | 73 | 70 | 69 | 70 | 72 | 72 | 73 | 71 | 72 | 72 | 74 | 75 | 76 | 76 | 74 | 73 | 74 | 72 | 71 | 71 | 72 | 73 | 74 | 74 | 75 | 76 | 72.7 |
| | 20 | MAX | 71 | 72 | 73 | 71 | 72 | 72 | 72 | 71 | 72 | 72 | 72 | 72 | 71 | 72 | 72 | 73 | 75 | 75 | 75 | 74 | 73 | 73 | 73 | 72 | 71 | 72 | 72 | 73 | 73 | 74 | 74 | 72.5 |
| | | MIN | 70 | 70 | 71 | 70 | 70 | 71 | 70 | 70 | 70 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 72 | 72 | 73 | 73 | 72 | 72 | 72 | 71 | 70 | 71 | 71 | 71 | 72 | 73 | 73 | 71.2 |
| | 40 | MAX | 67 | 68 | 68 | 68 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 70 | 70 | 70 | 70 | 71 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 71 | 69.4 |
| | | MIN | 66 | 67 | 67 | 67 | 67 | 67 | 68 | 68 | 67 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 69 | 69 | 69 | 69 | 69 | 70 | 70 | 70 | 69 | 69 | 69 | 70 | 70 | 70 | 68.4 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 91 | 100 | 98 | 93 | 93 | 100 | 76 | 84 | 89 | 84 | 87 | 85 | 86 | 90 | 94 | 97 | 100 | 99 | 93 | 76 | 81 | 76 | 73 | 78 | 80 | 79 | 90 | 85 | 83 | 93 | 92 | 87.9 |
| | | MIN | 70 | 63 | 69 | 65 | 70 | 70 | 66 | 65 | 63 | 65 | 70 | 69 | 66 | 67 | 67 | 70 | 72 | 74 | 72 | 71 | 70 | 73 | 68 | 66 | 65 | 69 | 70 | 72 | 74 | 74 | 72 | 68.9 |
| | 2 | MAX | 88 | 96 | 98 | 92 | 91 | 98 | 77 | 83 | 87 | 83 | 86 | 85 | 84 | 88 | 93 | 95 | 96 | 96 | 91 | 76 | 81 | 76 | 73 | 77 | 80 | 79 | 88 | 84 | 83 | 92 | 91 | 86.7 |
| | | MIN | 72 | 65 | 70 | 65 | 70 | 71 | 66 | 65 | 63 | 65 | 71 | 69 | 66 | 67 | 67 | 70 | 73 | 74 | 73 | 72 | 71 | 73 | 68 | 66 | 65 | 69 | 70 | 73 | 74 | 74 | 73 | 69.4 |
| | 4 | MAX | 83 | 90 | 83 | 85 | 85 | 90 | 79 | 78 | 83 | 79 | 81 | 80 | 80 | 82 | 85 | 87 | 89 | 89 | 85 | 76 | 78 | 76 | 73 | 75 | 76 | 76 | 82 | 79 | 80 | 86 | 85 | 81.8 |
| | | MIN | 76 | 69 | 73 | 69 | 72 | 74 | 68 | 67 | 66 | 68 | 71 | 72 | 68 | 70 | 70 | 73 | 75 | 76 | 75 | 73 | 72 | 73 | 69 | 67 | 67 | 69 | 70 | 73 | 74 | 75 | 74 | 71.2 |
| | 8 | MAX | 80 | 82 | 80 | 79 | 81 | 83 | 80 | 75 | 77 | 76 | 77 | 76 | 76 | 77 | 80 | 81 | 82 | 83 | 81 | 77 | 76 | 75 | 73 | 73 | 73 | 74 | 77 | 77 | 77 | 81 | 80 | 78.0 |
| | | MIN | 77 | 72 | 75 | 72 | 73 | 75 | 70 | 69 | 69 | 70 | 72 | 73 | 70 | 71 | 72 | 74 | 76 | 77 | 77 | 74 | 73 | 73 | 70 | 69 | 70 | 70 | 71 | 74 | 74 | 75 | 76 | 72.7 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES: TEMP. | PRECIP. | EVAP. | SPECIAL | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 27 | | | | | BERGEN COUNTY ENGINEER |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID | | HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 02 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | [illegible] | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0970 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT N. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | [illegible] | | COMMONWEALTH WATER CO. |
| CANTON | 134[illegible] | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 02 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | | JONATHAN SAYRE |
| CENTERTON | 151[illegible] | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 159[illegible] | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL N. KERCHNER |
| CLINTON | 174[illegible] | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW I DROPPE |
| CRANFORD | 202[illegible] | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | HAROLD DUFLOCQ |
| ELIZABETH | 264[illegible] | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 276[illegible] | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A | | | CHARLES KOUNS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2S | 4987 | 02 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 525[illegible] | 02 | BURLINGTON | [illegible] | 39 54 | 74 56 | 90 | | | | | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 534[illegible] | 02 | ATLANTIC | [illegible] | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 550[illegible] | 01 | BERGEN | [illegible] | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 557[illegible] | 02 | CUMBERLAND | [illegible] | 39 24 | 75 03 | 72 | 9A | 9A | | H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | [illegible] | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 559[illegible] | 01 | MORRIS | [illegible] | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 572[illegible] | 02 | BURLINGTON | [illegible] | 39 58 | 74 58 | 55 | MID | 8A | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | [illegible] | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 0[illegible] | MIDDLESEX | 1[illegible] | 40 29 | 74 26 | 125 | 8A | 8A | 8A | C GH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | [illegible] | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | [illegible] | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | [illegible] | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | [illegible] | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 0[illegible] | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 | | 7A | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN S HERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P | | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7[illegible] | | | LAWRENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8[illegible] | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7[illegible] | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | [illegible] | 40 54 | 74 36 | 680 | | 7[illegible] | | | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | [illegible] | 41 01 | 74 03 | 103 | | MI[illegible] | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 991[illegible] | 0[illegible] | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5[illegible] | | | CREAM VALLEY DAIRY |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

  No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

a Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

O Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing. If average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

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Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE- 8/29/69-880

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

THE LIBRARY OF THE
OCT [illegible] 1969
UNIVERSITY OF ILLINOIS

NEW JERSEY

AUGUST 1969
Volume 74 No. 8

## CLIMATOLOGICAL DATA

| Station | Temperature: Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | No. of Days: Max. 90° or Above | Max. 32° or Below | Min. 32° or Below | Min. 0° or Below | Precipitation: Total | Departure From Normal | Greatest Day | Date | Snow, Sleet: Total | Max. Depth on Ground | Date | No. of Days: .10 or More | .50 or More | 1.00 or More |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 82.3 | 58.3 | 70.3 | - 2.6 | 90 | 26 | 45 | 22 | 10 | 1 | 0 | 0 | 0 | 5.71 | .72 | 2.00 | 4 | .0 | 0 | | 7 | 3 | 2 |
| BOONTON 1 SE | 83.9 | 60.8 | 72.4 | 1.6 | 90 | 31+ | 46 | 27 | 7 | 2 | 0 | 0 | 0 | 3.89 | - 1.04 | 1.11 | 5 | .0 | 0 | | 8 | 3 | 1 |
| CANOE BROOK | 83.6 | 61.5 | 72.6 | 1.5 | 90 | 31 | 47 | 22 | 9 | 1 | 0 | 0 | 0 | 3.45 | - 1.78 | 1.32 | 5 | .0 | 0 | | 7 | 2 | 1 |
| CHARLOTTEBURG | 82.0 | 58.1 | 70.1 | .9 | 88 | 26+ | 42 | 27 | 17 | 0 | 0 | 0 | 0 | 7.56 | 2.60 | 2.94 | 5 | .0 | 0 | | 7 | 3 | 3 |
| CRANFORD | 85.5 | 63.5 | 74.5 | | 91 | 25 | 49 | 22 | 1 | 3 | 0 | 0 | 0 | 4.73 | | 1.53 | 16 | .0 | 0 | | 7 | 3 | 1 |
| ELIZABETH | 85.4M | 63.8 | 74.6M | .5 | 92 | 25 | 52 | 22 | 0 | 4 | 0 | 0 | 0 | 4.25 | - .72 | 2.15 | 16 | .0 | 0 | | 6 | 2 | 1 |
| ESSEX FELLS SERV BLDG | 83.8 | 61.2 | 72.5 | | 90 | 26+ | 48 | 22+ | 5 | 2 | 0 | 0 | 0 | 2.89 | | 1.14 | 5 | .0 | 0 | | 6 | 2 | 1 |
| FLEMINGTON 1 NE | 84.5 | 60.5 | 72.5 | - .9 | 91 | 26 | 44 | 22 | 8 | 1 | 0 | 0 | 0 | 3.06 | - 1.96 | 1.43 | 5 | .0 | 0 | | 6 | 2 | 1 |
| HIGH POINT PARK | 81.0M | 59.4M | 70.2M | | 89 | 26 | | | 14 | | 0 | 0 | 0 | 3.53 | | 1.80 | 4 | .0 | 0 | | 8 | 2 | 1 |
| JERSEY CITY | 84.1 | 67.6 | 75.9 | 2.1 | 94 | 25 | 55 | 27 | 0 | 3 | 0 | 0 | 0 | 1.65 | - 2.97 | .70 | 4 | .0 | 0 | | 5 | 1 | 0 |
| LAMBERTVILLE | 86.1 | 62.9 | 74.5 | 1.5 | 92 | 25 | 47 | 22 | 1 | 5 | 0 | 0 | 0 | 3.22 | - 1.92 | 1.25 | 5 | .0 | 0 | | 4 | 3 | 1 |
| LAYTON 2 | 81.4 | 57.4 | 69.4 | | 89 | 26 | 43 | 27 | 22 | 0 | 0 | 0 | 0 | 4.24 | | 2.00 | 4 | .0 | 0 | | 6 | 3 | 1 |
| LITTLE FALLS | 85.3 | 63.4 | 74.4 | 1.6 | 92 | 26 | 50 | 22 | 1 | 3 | 0 | 0 | 0 | 3.16 | - 1.93 | .91 | 5 | .0 | 0 | | 8 | 2 | 0 |
| LONG VALLEY | 81.2 | 56.6 | 68.9 | | 88 | 26 | 43 | 23+ | 20 | 0 | 0 | 0 | 0 | 5.69 | .63 | 2.40 | 5 | .0 | 0 | | 8 | 2 | 2 |
| MORRIS PLAINS 1 W | 84.1 | 60.3 | 72.2 | | 91 | 26 | 48 | 28+ | 5 | 1 | 0 | 0 | 0 | 4.87 | | 1.58 | 16 | .0 | 0 | | 8 | 3 | 2 |
| NEWARK WB AIRPORT R | 85.7 | 68.9 | 77.3 | 2.9 | 92 | 25 | 59 | 27+ | 0 | 6 | 0 | 0 | 0 | 2.24 | - 2.19 | .69 | 15 | .0 | 0 | | 7 | 1 | 0 |
| NEWTON | 83.1M | 57.3 | 70.2M | .1 | 90 | 25 | 42 | 27+ | 15 | | 0 | 0 | 0 | 4.75 | .21 | 1.73 | 4 | .0 | 0 | | 6 | 2 | 2 |
| PATERSON | 86.6 | 65.8 | 76.2 | 2.6 | 94 | 26 | 52 | 22 | 0 | 9 | 0 | 0 | 0 | 6.84 | 1.97 | 3.39 | 16 | .0 | 0 | | 9 | 4 | 2 |
| PHILLIPSBURG | 86.4 | 61.0 | 73.7 | 1.3 | 92 | 31+ | 47 | 22 | 1 | 6 | 0 | 0 | 0 | 4.77 | - .27 | 2.05 | 4 | .0 | 0 | | 6 | 3 | 2 |
| PLAINFIELD | 86.3 | 63.3 | 74.8 | 1.7 | 92 | 25 | 48 | 22 | 0 | 6 | 0 | 0 | 0 | 10.96 | 5.77 | 6.94 | 15 | .0 | 0 | | 9 | 3 | 2 |
| SOMERVILLE | 86.0 | 61.9M | 74.0M | 1.2 | 91 | 31+ | 47 | 22 | 2 | 6 | 0 | 0 | 0 | 3.79 | - 1.22 | 1.25 | 5 | .0 | 0 | | 6 | 3 | 2 |
| SUSSEX 1 SE | 82.2 | 54.0 | 68.1 | - 2.7 | 90 | 26 | 39 | 22 | 32 | 1 | 0 | 0 | 0 | 4.54 | - .50 | 1.68 | 5 | .0 | 0 | | 5 | 3 | 2 |
| DIVISION | | | 72.7 | .6 | | | | | | | | | | 4.54 | - .37 | | | .0 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 84.1 | 62.5 | 73.3 | - .4 | 94 | 25 | 43 | 22 | 16 | 8 | 0 | 0 | 0 | 2.56 | - 2.34 | .69 | 10 | .0 | 0 | | 6 | 3 | 0 |
| AUDUBON | 86.7 | 65.2 | 76.0 | | 94 | 25 | 52 | 22 | 0 | 8 | 0 | 0 | 0 | 2.57 | | .96 | 4 | .0 | 0 | | 6 | 2 | 0 |
| BELLEPLAIN ST FOREST | 84.9 | 62.9 | 73.9 | | 91 | 25 | 47 | 23 | 2 | 3 | 0 | 0 | 0 | 4.70 | - 1.05 | 1.04 | 20 | .0 | 0 | | 7 | 5 | 1 |
| BURLINGTON | 85.3M | 66.6M | 76.0M | .5 | 94 | 26 | 51 | 22 | 0 | | 0 | 0 | 0 | 2.53 | - 2.31 | .84 | 10 | .0 | 0 | | 7 | 2 | 0 |
| CHATSWORTH | 86.2 | 62.3 | 74.3 | | 94 | 25 | 47 | 28 | 1 | 6 | 0 | 0 | 0 | 2.70 | | .82 | 10 | .0 | 0 | | 6 | 2 | 0 |
| FREEHOLD | 83.3 | 63.1 | 73.2 | .1 | 89 | 31+ | 49 | 22+ | 6 | 0 | 0 | 0 | 0 | 2.62 | - 2.14 | .64 | 10 | .0 | 0 | | 7 | 1 | 0 |
| GLASSBORO | 85.3 | 63.6 | 74.5 | | 93 | 26 | 50 | 28+ | 0 | 3 | 0 | 0 | 0 | 1.92 | | .57 | 5 | .0 | 0 | | 4 | 1 | 0 |
| HAMMONTON 2 NNE | | | | | | | | | | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | 84.6 | 63.1 | 73.9 | 1.0 | 90 | 31+ | 47 | 22 | 6 | 5 | 0 | 0 | 0 | 3.59 | - .93 | 1.50 | 16 | .0 | 0 | | 6 | 3 | 1 |
| INDIAN MILLS 2 W | 85.1 | 62.1 | 73.6 | .7 | 93 | 25 | 46 | 28+ | 5 | 5 | 0 | 0 | 0 | 2.90 | - 2.56 | .86 | 4 | .0 | 0 | | 5 | 3 | 0 |
| MILLVILLE | M | M | M | | 92 | 26 | | | | | 0 | 0 | 0 | | | | | .0 | 0 | | | | |
| MILLVILLE FAA AIRPORT | 83.6 | 65.2 | 74.4 | | 92 | 25 | 53 | 28+ | 0 | 1 | 0 | 0 | 0 | 4.35 | | 1.18 | 10 | .0 | 0 | | 7 | 4 | 1 |
| MOORESTOWN | 84.4 | 63.7 | 74.1 | 1.0 | 91 | 30+ | 48 | 22 | 1 | 3 | 0 | 0 | 0 | 2.21 | - 2.54 | .73 | 4 | .0 | 0 | | | | 0 |
| NEW BRUNSWICK | 84.3 | 63.6 | 74.0 | | 89 | 31+ | 49 | 22 | 3 | 0 | 0 | 0 | 0 | 3.86 | | 1.17 | 2 | .0 | 0 | | 8 | 3 | 1 |
| PEMBERTON 3 E | 86.7 | 62.2 | 74.5 | .7 | 93 | 25 | 47 | 28+ | 1 | 9 | 0 | 0 | 0 | 1.76 | - 3.29 | .63 | 10 | .0 | 0 | | 4 | 1 | 0 |
| SEABROOK FARMS | 83.9 | 64.4 | 74.2 | | 90 | 26 | 51 | 22+ | 0 | 1 | 0 | 0 | 0 | 4.02 | | 1.61 | 10 | .0 | 0 | | 7 | 3 | 1 |
| SHILOH | 84.4 | 64.1 | 74.3 | - .3 | 91 | 26+ | 51 | 21 | 1 | 2 | 0 | 0 | 0 | 4.88 | - .07 | 2.24 | 10 | .0 | 0 | | 7 | 2 | 2 |
| TOMS RIVER | 85.2 | 62.8 | 74.0 | | 94 | 25 | 48 | 28+ | 9 | 6 | 0 | 0 | 0 | 1.47 | | .68 | 10 | .0 | 0 | | 5 | 1 | 0 |
| TRENTON WB CITY R | 84.4 | 67.1 | 75.8 | 1.9 | 91 | 25 | 55 | 27+ | 0 | 3 | 0 | 0 | 0 | 3.33 | - 1.44 | 1.07 | 4 | .0 | 0 | | 5 | 3 | 1 |
| TUCKERTON | 83.7 | 64.4 | 74.1 | | 94 | 25 | 49 | 28 | 4 | 4 | 0 | 0 | 0 | 3.15 | | 1.07 | 10 | .0 | 0 | | 5 | 3 | 1 |
| WOODSTOWN | 85.9 | 63.5 | 74.7 | | 93 | 25 | 50 | 22 | 0 | 4 | 0 | 0 | 0 | 2.59 | | .80 | 5 | .0 | 0 | | 7 | 2 | 0 |
| DIVISION | | | 74.4 | .8 | | | | | | | | | | 3.04 | - 2.02 | | | .0 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 81.5 | 69.2 | 75.4 | 1.7 | 92 | 25 | 58 | 22+ | 0 | 3 | 0 | 0 | 0 | 4.15 | - .99 | 1.38 | 5 | | | | 7 | 3 | 2 |
| CAPE MAY 1 NW | 81.1 | 66.8 | 74.0 | | 89 | 18 | 55 | 28 | 1 | 0 | 0 | 0 | 0 | 4.16 | | 1.06 | 20 | .0 | 0 | | 8 | 4 | 1 |
| LONG BRANCH 2S | 83.3 | 66.3 | 74.8 | 2.0 | 89 | 31+ | 54 | 28 | 0 | 0 | 0 | 0 | 0 | 4.06 | - 1.19 | 1.34 | 15 | .0 | 0 | | 9 | 4 | 1 |
| DIVISION | | | 74.7 | 1.1 | | | | | | | | | | 4.12 | - .82 | | | .0 | | | | | |

## EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>8 STATIONS | 94 | DATE | 26+ |
| LOWEST TEMPERATURE<br>SUSSEX 1 SE | 39 | DATE | 22 |
| GREATEST TOTAL PRECIPITATION<br>PLAINFIELD | 10.96 | | |
| LEAST TOTAL PRECIPITATION<br>TOMS RIVER | 1.47 | | |
| GREATEST 1 DAY PRECIPITATION<br>PLAINFIELD | 6.94 | DATE | 15 |

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 62

# NEW JERSEY - AUGUST 1969

## SPECIAL WEATHER SUMMARY

Very heavy rains during the first half of August, following a very wet July, left the Garden State thoroughly soaked. Heavy rains on August 4th caused the evacuation of around 200 people from the vicinity of West Milford when minor flooding occurred, but there had been threats of more serious flooding.

On the evening of the 15th Plainfield reported 6.90 inches of rain in 2 1/2 hours, with a 24-hour total of 7.14 inches. Warren Township and Clark reported unofficial measurements of around 7 inches from the same storm. A funnel cloud was observed in northeastern Somerset County in connection with this storm. On the same evening around 4 inches of rain was reported in the vicinity of Paterson and Rutherford, and a funnel cloud was reported in the vicinity of Teterboro, where three aircraft were overturned by high winds.

Donald V. Dunlap
ESSA-Weather Bureau State Climatologist
Department of Meteorology
College of Agriculture and Environmental Science
Rutgers - The State University
New Brunswick, New Jersey 08903

# DAILY PRECIPITATION

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| • • • NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 5.71 | | .38 | .06 | 2.00 | 1.78 | .03 | | | | .29 | T | | | | T | .82 | | .11 | .07 | .14 | | | | | | .03 | | | | | |
| BERNARDSVILLE 2 E | 4.83 | | .22 | | .32 | 1.20 | .12 | | | T | .26 | | | | | | 1.62 | .70 | .15 | .15 | .08 | | | | | | .01 | | | | | |
| BLACKWELLS MILLS | 3.61 | .01 | .53 | | .26 | 1.14 | .25 | | | .15 | .55 | | | | | .05 | .26 | | .32 | .09 | | | | | | | | | | | | |
| BOONTON 1 SE | 3.89 | T | .89 | | .36 | 1.11 | .04 | | | .14 | .29 | T | | | | T | .65 | T | .18 | .18 | T | | | | | | .05 | T | | | | |
| BOUND BROOK 2 W | 2.93 | | .30 | | .13 | 1.27 | .04 | | | | .58 | | | | | | .32 | | .29 | T | | | | | | | | | | | | |
| BRANCHVILLE | 5.35 | | .32 | T | 2.75 | .88 | .01 | | | .04 | .59 | | | | | | .38 | | .05 | .09 | .24 | | | | | | T | | | | | |
| CANISTEAR RESERVOIR | 6.70 | | 1.08 | | 1.40 | 3.28 | .02 | | | .03 | .25 | .03 | | | | | .46 | | .08 | .02 | .03 | | | | | | T | .02 | | | | |
| CANOE BROOK | 3.45 | | .41 | T | .18 | 1.32 | .05 | | | .06 | .23 | .01 | | | | | .78 | | .16 | .15 | .07 | | | | | | .03 | | | | | |
| CHARLOTTEBURG | 7.56 | | 1.84 | | 1.43 | 2.94 | .03 | | | .08 | .29 | | | | | | .46 | | .35 | .11 | .01 | | | | | | T | .02 | | | | |
| CLINTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CRANFORD | 4.73 | .01 | .26 | | .97 | .46 | .07 | | | .20 | .45 | | | | | .01 | 1.53 | | .68 | .05 | .04 | | | | | | T | | | | | |
| ELIZABETH | 4.25 | .03 | .03 | | .44 | .33 | .07 | | | | .42 | | | | | .03 | 2.15 | | .64 | .11 | | | | | | | | | | | | |
| ESSEX FELLS SERV BLDG | 2.89 | | .24 | | .34 | 1.14 | .06 | | | .08 | .02 | | | | | .01 | .58 | .07 | .20 | .15 | T | | | | | | T | | | | | |
| FLEMINGTON 1 NE | 3.06 | | .08 | | .09 | 1.43 | .03 | | | .10 | .66 | | | | | | .27 | | .17 | .16 | .07 | | | | | | T | | | | | |
| GREENWOOD LAKE | 8.60 | | 1.80 | | 1.70 | 2.75 | .04 | | | .42 | .27 | | | | | | 1.43 | | .09 | .04 | .05 | | | | | | | .01 | | | | |
| HIGH POINT PARK | 3.53 | | .20 | | 1.80 | .72 | .10 | | | .10 | .22 | | | | | .05 | .23 | | .11 | | | | | | | | | | | | | |
| JERSEY CITY | 1.65 | | .15 | | .70 | .08 | | | | | .18 | | | | | .39 | | T | .15 | T | | | | | | | T | | | | | |
| LAMBERTVILLE | 3.22 | .06 | .03 | | .49 | 1.25 | .01 | | | .05 | .65 | | | | | | | | .67 | .01 | T | | | | | | T | | | | | |
| LAYTON 2 | 4.24 | | .57 | .01 | 2.00 | .91 | .02 | | | .01 | .25 | T | | | T | T | .31 | | .15 | T | .01 | | | | | | | | | | | |
| LITTLE FALLS | 3.16 | | .21 | | .24 | .91 | .06 | | | .12 | .20 | | | | | .01 | .89 | | .38 | .13 | | | | | | | .01 | | | | | |
| LONG VALLEY | 5.69 | | .20 | | .18 | 2.40 | .06 | | | | .31 | | | | | | 1.62 | | .42 | .15 | .25 | | | | | | .05 | .05 | | | | |
| MAHWAH | 4.69 | | 1.28 | | .25 | .66 | .07 | | | .38 | .30 | | | | | | 1.59 | | .09 | .02 | .01 | | | | | | .01 | .03 | | | | |
| MIDLAND PARK | 7.24 | | .58 | .07 | 1.56 | .38 | | | .11 | .02 | .18 | | | | | 3.56 | .45 | .18 | .09 | | | | | | | | .06 | | | | | |
| MILTON | 6.98 | | 2.40 | | .72 | 2.68 | | | | .18 | .20 | .01 | | | | .02 | .50 | | .25 | .02 | | | | | | | | | | | | |
| MORRIS PLAINS 1 W | 4.87 | | .99 | T | .32 | 1.04 | .02 | | | .08 | .38 | | | | | T | 1.58 | T | .18 | .14 | .11 | | | | | | .03 | | | | | |
| NEWARK WB AIRPORT R | 2.24 | .02 | .17 | T | .38 | .32 | | | .01 | .01 | .28 | | | | T | .69 | .02 | .17 | .11 | .02 | | | | | | | .04 | | | | | |
| NEW MILFORD | 3.68 | | .30 | | .87 | .19 | .06 | | | .26 | .09 | | | | | 1.61 | .10 | .20 | | | | | | | | | | | | | | |
| NEWTON | 4.75 | | .42 | | 1.73 | 1.67 | .01 | | | .01 | .28 | .05 | | | | | .42 | | .02 | .11 | .03 | | | | | | | | | | | |
| OAK RIDGE RESERVOIR | 7.27 | | 1.67 | | 1.11 | 2.87 | .07 | | | .11 | .26 | .11 | | | | .04 | .38 | | .52 | .13 | | | | | | | | | | | | |
| PATERSON | 6.84 | | .35 | | .55 | 1.05 | .08 | | | .38 | .15 | | | | | .01 | 3.39 | T | .63 | .14 | | | | | | | .11 | T | | | | |
| PHILLIPSBURG | 4.77 | | | | 2.05 | .55 | | | | | .35 | | | | | | 1.10 | | .42 | | .30 | | | | | | | | | | | |
| PHILLIPSBURG BRIDGE | 2.72 | | .25 | | .92 | .04 | | | | | .38 | | | | | | .68 | | .10 | .11 | .24 | | | | | | | | | | | |
| PLAINFIELD | 10.96 | .20 | .46 | | 1.52 | .34 | .39 | | T | | .53 | | | | | 6.94 | .20 | | .32 | .04 | | | | | | | .02 | | | | | |
| POTTERSVILLE 2 NNW | 4.94 | | 1.25 | | .12 | 1.53 | .02 | | | | .37 | | | | | | 1.00 | .19 | .21 | .13 | .09 | | | | | | .01 | .02 | | | | |
| RAHWAY | 4.18 | .06 | | | .39 | .40 | | | .17 | .39 | | | | | .09 | 2.10 | .01 | .30 | .06 | .18 | | | | | | | .03 | | | | | |
| RINGWOOD | 6.32 | | 1.32 | | .48 | 2.04 | T | | | .60 | .14 | | | | | | 1.65 | | .09 | | | | | | | | T | | | | | |
| SOMERVILLE | 3.79 | | T | | .27 | 1.25 | .02 | | | | .59 | | | | | | 1.21 | | .31 | .14 | | | | | | | | | | | | |
| SPLIT ROCK POND | 6.00 | | 1.32 | | .41 | 1.32 | .04 | | | .05 | .36 | .05 | | | | | 1.69 | | .68 | .08 | | | | | | | | | | | | |
| SUSSEX 1 SE | 4.54 | | .22 | | 1.59 | 1.68 | .05 | | | .09 | .29 | .01 | | | | | .52 | T | .08 | T | .01 | | | | | | | | | | | |
| WANAQUE RAYMOND DAM | 3.94 | | 1.00 | | .60 | 1.15 | | | | .06 | .05 | | | | | | .85 | | .20 | .02 | | | | | | | .01 | | | | | |
| WERTSVILLE | 3.98 | T | T | | .12 | 1.14 | .01 | | | .19 | .62 | T | | | | | .81 | | .64 | .27 | .08 | | | | | | .02 | .08 | | | | |
| WEST WHARTON | 7.66 | | 1.55 | | .24 | 2.85 | .02 | | | .13 | .25 | T | | | | | 1.79 | | .48 | .17 | .12 | | | | | | .06 | | | | | |
| WOODCLIFF LAKE | 4.00 | | .20 | | .84 | .90 | | | .22 | .08 | .14 | | | | | 1.09 | .40 | .08 | | | | | | | | | .05 | | | | | |
| • • • SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 2.56 | T | T | .16 | .24 | .67 | .01 | | | .13 | .69 | | | | | .08 | | | .08 | T | .50 | | | | | | | | | | | |
| AUDUBON | 2.57 | .15 | .14 | .08 | .96 | .42 | | | | | .68 | | | | | T | T | T | .14 | T | T | | | | | | | | | | | |
| BASS RIVER ST FOREST | 2.50 | | | | .02 | | .76 | | | | .94 | | | | | .01 | .65 | | .06 | | .06 | | | | | | | T | | | | |
| BELLEPLAIN ST FOREST | 4.70 | | | .70 | .66 | .76 | .11 | | | | .47 | .01 | | | | .90 | | | .05 | | 1.04 | | | | | | | | | | | |
| BURLINGTON | 2.53 | .25 | .11 | | .82 | .31 | | | | | .84 | | | | | .10 | | | .10 | | | | | | | | | | | | | |
| CANTON | 3.53 | | .04 | .31 | .61 | .65 | .03 | | | | 1.56 | | | | | | | | .08 | | .25 | | | | | | | | | | | |
| CHATSWORTH | 2.70 | | .09 | .06 | .54 | .23 | .11 | | | | .82 | | | | | .02 | .40 | | | | .43 | | | | | | | | | | | |
| FORTESCUE | 3.89 | | | .30 | .45 | .95 | .12 | | | | .50 | | | | | .17 | | | .15 | | 1.25 | | | | | | | | | | | |
| FREEHOLD | 2.62 | | .29 | | .44 | .11 | .10 | | | .08 | .64 | | | | | .04 | .42 | | .40 | .07 | T | | | | | | .03 | | | | | |
| GLASSBORO | 1.92 | | .05 | .19 | .47 | .57 | | | | | .43 | | | | | .05 | | | .08 | | .08 | | | | | | | | | | | |
| HAMMONTON 2 NNE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| HIGHTSTOWN 1 N | 3.59 | .01 | .27 | | .55 | .26 | .03 | | | .15 | .82 | | | | | | 1.50 | | T | T | | | | | | | T | | | | | |
| INDIAN MILLS 2 W | 2.90 | | .41 | .07 | .86 | .76 | T | | | | .56 | | | | | T | | | .04 | T | .20 | | | | | | | | | | | |
| MAYS LANDING 1 W | 4.33 | | T | .14 | .74 | .52 | .15 | T | | | 1.54 | | | | | T | T | | .09 | | 1.13 | .02 | | | | | | | | | | |
| MILLVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| MILLVILLE FAA AIRPORT | 4.35 | .02 | .01 | .53 | .47 | .38 | T | | | .70 | 1.18 | | | | | T | | | .10 | | .96 | | | | | | | | | | | |
| MOORESTOWN | 2.21 | | | | .73 | .67 | .05 | | | * | .61 | | | | | | .15 | | | T | | | | | | | | | | | | |
| NEW BRUNSWICK | 3.86 | T | 1.17 | | .18 | .60 | .05 | | | .39 | .51 | | | | | .27 | .08 | | .38 | .09 | T | | | | | | .14 | T | | | | |
| PEMBERTON 3 E | 1.76 | | | .03 | .41 | .49 | .11 | | | | .63 | | | | | | .06 | | .03 | | T | | | | | | | | | | | |
| PRINCETON WATER WORKS | 4.48 | .79 | .13 | T | 1.12 | .42 | | | | | .73 | | | | .54 | .25 | .03 | .45 | .02 | | | | | | | | T | | | | | |
| SEABROOK FARMS | 4.02 | T | .04 | .27 | .64 | .71 | .29 | | | | 1.61 | .02 | | | | | | | .10 | | .32 | .02 | | | | | | | | | | |
| SHILOH | 4.88 | | .02 | .29 | 1.05 | .40 | .31 | | | | 2.24 | | | | | | | | .10 | | .47 | | | | | | | | | | | |
| TOMS RIVER | 1.47 | | .05 | | .15 | .11 | .16 | | | | .68 | | | | | | .22 | | .01 | | | .02 | | | | | | .07 | | | | |
| TRENTON WB CITY R | 3.33 | .06 | .04 | T | 1.07 | .09 | | | .16 | .09 | .54 | | | | .02 | .87 | .01 | .36 | .01 | T | | | | | | | .01 | | | | | |
| TUCKERTON | 3.15 | T | .01 | .02 | .55 | .65 | .04 | | | | 1.07 | | | | | .07 | .01 | | .06 | T | .46 | | | | | | .21 | | | | | |
| WOODSTOWN | 2.59 | | .14 | .17 | .69 | .80 | .02 | | | | .48 | | | | .03 | | | | .15 | T | .11 | | | | | | | | | | | |
| • • • COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 4.15 | | | .22 | .53 | 1.38 | | | | .12 | .26 | | | | | 1.06 | | | .08 | | .45 | | | | | | .05 | | | | | |
| CAPE MAY 1 NW | 4.16 | | .14 | .42 | .19 | .78 | .38 | | | | .63 | | | | | | | | | T | 1.06 | .56 | | | | | | | | | | |
| LONG BRANCH 2S | 4.06 | | .66 | .15 | .57 | .06 | .19 | | | .02 | .59 | | | | | 1.34 | .13 | | .10 | | T | | | | | | .23 | .02 | | | | |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Standard of Time EASTERN | | | | | | | | | | | | |
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 23 | 4.6 | 9.7 | 21++ | 4 | 20+ | 91 | 86 | 56 | 75 | 3 | 3 | 3 | 3 | 0 | 0 | 12 | 66 | 5.2 |
| ATLANTIC CITY ST. MARINA | - | - | - | 31 | W | 10 | - | - | - | - | 0 | 2 | 4 | 1 | 2 | 0 | 9 | - | - |
| NEWARK WB AIRPORT | 23 | 4.6 | 8.8 | 21++ | 34 | 20+ | 73 | 75 | 49 | 57 | 2 | 6 | 6 | 1 | 0 | 0 | 15 | - | 4.8 |
| TRENTON WB CITY | - | - | - | 27 | NW | 17 | - | - | - | - | 2 | 8 | 2 | 2 | 1 | 0 | 15 | 73 | 5.0 |

See reference notes following Station Index.

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 84 | 84 | 83 | 85 | 75 | 77 | 83 | 85 | 84 | 81 | 81 | 80 | 81 | 82 | 85 | 84 | 84 | 85 | 83 | 84 | 77 | 77 | 79 | 82 | 88 | 90 | 81 | 79 | 80 | 83 | 85 | 82.3 |
| | MIN | 63 | 63 | 63 | 65 | 63 | 62 | 59 | 64 | 60 | 63 | 56 | 52 | 58 | 58 | 66 | 68 | 68 | 66 | 67 | 58 | 49 | 45 | 46 | 56 | 59 | 50 | 46 | 49 | 50 | 52 | 64 | 58.3 |
| BOONTON 1 SE | MAX | 87 | 86 | 84 | 89 | 82 | 80 | 86 | 88 | 86 | 82 | 82 | 81 | 83 | 83 | 87 | 87 | 86 | 86 | 84 | 84 | 79 | 76 | 80 | 85 | 89 | 90 | 81 | 76 | 80 | 83 | 90 | 83.9 |
| | MIN | 62 | 66 | 68 | 71 | 66 | 62 | 64 | 66 | 61 | 67 | 59 | 56 | 56 | 59 | 63 | 70 | 69 | 67 | 70 | 59 | 48 | 47 | 52 | 59 | 61 | 63 | 46 | 50 | 55 | 60 | 62 | 60.8 |
| CANOE BROOK | MAX | 86 | 87 | 86 | 88 | 84 | 78 | 86 | 89 | 87 | 85 | 86 | 82 | 83 | 85 | 88 | 87 | 86 | 88 | 78 | 85 | 78 | 72 | 80 | 85 | 75 | 84 | 82 | 76 | 82 | 85 | 90 | 83.6 |
| | MIN | 64 | 65 | 63 | 71 | 67 | 66 | 62 | 69 | 62 | 68 | 60 | 54 | 54 | 59 | 62 | 71 | 73 | 68 | 70 | 62 | 48 | 47 | 53 | 52 | 70 | 64 | 48 | 50 | 55 | 61 | 69 | 61.5 |
| CHARLOTTEBURG | MAX | 85 | 82 | 82 | 86 | 77 | 77 | 84 | 85 | 84 | 82 | 79 | 80 | 81 | 82 | 85 | 83 | 85 | 86 | 84 | 84 | 77 | 74 | 78 | 83 | 88 | 88 | 79 | 74 | 79 | 83 | 86 | 82.0 |
| | MIN | 61 | 61 | 65 | 65 | 63 | 62 | 62 | 62 | 59 | 60 | 59 | 54 | 55 | 56 | 59 | 69 | 68 | 67 | 68 | 58 | 50 | 45 | 46 | 52 | 60 | 61 | 42 | 49 | 49 | 55 | 60 | 58.1 |
| CRANFORD | MAX | 87 | 86 | 89 | 87 | 78 | 88 | 89 | 89 | 86 | 82 | 82 | 84 | 86 | 87 | 86 | 88 | 88 | 37 | 87 | 78 | 77 | 81 | 85 | 89 | 91 | 89 | 77 | 81 | 85 | 90 | 90 | 85.5 |
| | MIN | 64 | 65 | 70 | 72 | 68 | 65 | 63 | 69 | 64 | 68 | 63 | 57 | 62 | 60 | 73 | 71 | 74 | 69 | 70 | 64 | 50 | 49 | 54 | 61 | 65 | 66 | 52 | 51 | 58 | 64 | 67 | 63.5 |
| ELIZABETH | MAX | | | | | 77 | 87 | 88 | 89 | 86 | 81 | 82 | 87 | 86 | 88 | 85 | 85 | 89 | 86 | 87 | 82 | 80 | 81 | 87 | 90 | 92 | 83 | 78 | 83 | 85 | 90 | 91 | 85.4 |
| | MIN | 53 | 62 | 67 | 72 | 68 | 66 | 65 | 69 | 65 | 68 | 63 | 58 | 64 | 61 | 73 | 70 | 74 | 72 | 70 | 65 | 53 | 52 | 56 | 57 | 67 | 69 | 56 | 53 | 57 | 65 | 69 | 63.8 |
| ESSEX FELLS SERV BLDG | MAX | 82 | 85 | 85 | 87 | 83 | 77 | 84 | 87 | 85 | 82 | 82 | 81 | 84 | 84 | 87 | 84 | 85 | 88 | 85 | 84 | 79 | 78 | 82 | 86 | 90 | 90 | 80 | 75 | 86 | 85 | 87 | 83.8 |
| | MIN | 64 | 61 | 67 | 71 | 66 | 65 | 62 | 68 | 62 | 64 | 59 | 55 | 60 | 60 | 62 | 70 | 72 | 67 | 69 | 60 | 48 | 48 | 53 | 60 | 63 | 64 | 49 | 51 | 56 | 58 | 64 | 61.2 |
| FLEMINGTON 1 NE | MAX | 87 | 87 | 87 | 88 | 84 | 77 | 86 | 88 | 89 | 84 | 81 | 81 | 83 | 86 | 86 | 88 | 88 | 88 | 85 | 84 | 78 | 77 | 80 | 84 | 89 | 91 | 82 | 75 | 82 | 85 | 89 | 84.5 |
| | MIN | 62 | 65 | 67 | 71 | 67 | 65 | 62 | 66 | 63 | 68 | 58 | 56 | 58 | 57 | 62 | 72 | 71 | 68 | 68 | 63 | 53 | 44 | 50 | 57 | 62 | 62 | 48 | 46 | 48 | 55 | 62 | 60.5 |
| HIGH POINT PARK | MAX | 86 | 81 | 80 | 83 | 76 | 75 | 82 | 85 | 82 | 81 | 75 | 78 | 79 | 82 | 84 | 79 | 84 | 84 | | 83 | | 74 | | | | 89 | | 74 | 79 | 85 | 85 | 81.0 |
| | MIN | 64 | 61 | 62 | 63 | 62 | 59 | 66 | 65 | 60 | 60 | 54 | 52 | 60 | 61 | 64 | 67 | 65 | 62 | | 54 | | 46 | | | | 53 | | 43 | 56 | 62 | 65 | 59.4 |
| JERSEY CITY | MAX | 82 | 81 | 87 | 83 | 77 | 85 | 88 | 89 | 85 | 83 | 81 | 84 | 83 | 84 | 82 | 83 | 88 | 85 | 88 | 79 | 79 | 81 | 87 | 92 | 94 | 80 | 74 | 80 | 84 | 88 | 91 | 84.1 |
| | MIN | 70 | 70 | 74 | 72 | 69 | 68 | 70 | 74 | 70 | 70 | 64 | 63 | 69 | 70 | 74 | 74 | 71 | 72 | 72 | 67 | 56 | 56 | 61 | 68 | 72 | 62 | 55 | 59 | 64 | 69 | 71 | 67.6 |
| LAMBERTVILLE | MAX | 87 | 88 | 88 | 83 | 78 | 86 | 89 | 88 | 85 | 82 | 84 | 85 | 87 | 87 | 89 | 90 | 89 | 87 | 86 | 81 | 80 | 82 | 86 | 91 | 92 | 89 | 79 | 83 | 87 | 90 | 91 | 86.1 |
| | MIN | 65 | 68 | 68 | 71 | 67 | 66 | 62 | 68 | 68 | 68 | 60 | 57 | 61 | 60 | 73 | 74 | 73 | 69 | 69 | 65 | 49 | 47 | 53 | 59 | 62 | 63 | 48 | 51 | 55 | 63 | 68 | 62.9 |
| LAYTON 2 | MAX | 82 | 84 | 80 | 83 | 73 | 77 | 82 | 86 | 83 | 82 | 77 | 79 | 80 | 79 | 85 | 86 | 84 | 84 | 85 | 85 | 75 | 74 | 78 | 83 | 81 | 89 | 80 | 74 | 81 | 85 | 87 | 81.4 |
| | MIN | 62 | 63 | 64 | 64 | 63 | 61 | 61 | 61 | 60 | 62 | 56 | 52 | 53 | 56 | 60 | 65 | 67 | 64 | 66 | 57 | 45 | 44 | 47 | 56 | 60 | 59 | 43 | 44 | 50 | 54 | 61 | 57.4 |
| LITTLE FALLS | MAX | 86 | 87 | 87 | 89 | 85 | 79 | 87 | 89 | 89 | 85 | 82 | 82 | 84 | 86 | 88 | 84 | 87 | 89 | 86 | 86 | 79 | 79 | 81 | 86 | 91 | 92 | 83 | 76 | 83 | 86 | 90 | 85.3 |
| | MIN | 65 | 67 | 71 | 67 | 67 | 65 | 64 | 71 | 64 | 68 | 63 | 57 | 60 | 61 | 69 | 71 | 73 | 69 | 71 | 62 | 51 | 50 | 54 | 61 | 66 | 66 | 52 | 52 | 58 | 65 | 65 | 63.4 |
| LONG VALLEY | MAX | 84 | 82 | 83 | 84 | 76 | 75 | 81 | 84 | 83 | 79 | 80 | 79 | 80 | 82 | 83 | 83 | 84 | 85 | 82 | 82 | 75 | 75 | 78 | 82 | 87 | 88 | 77 | 73 | 82 | 85 | 84 | 81.2 |
| | MIN | 58 | 59 | 61 | 69 | 64 | 63 | 59 | 58 | 53 | 57 | 58 | 53 | 53 | 57 | 58 | 60 | 67 | 65 | 65 | 58 | 52 | 43 | 43 | 53 | 62 | 61 | 48 | 46 | 44 | 56 | 53 | 56.6 |
| MORRIS PLAINS 1 W | MAX | 86 | 86 | 85 | 88 | 82 | 79 | 86 | 89 | 86 | 84 | 81 | 82 | 82 | 85 | 86 | 87 | 86 | 87 | 85 | 85 | 78 | 77 | 80 | 85 | 88 | 91 | 82 | 76 | 81 | 84 | 89 | 84.1 |
| | MIN | 61 | 63 | 65 | 70 | 65 | 62 | 62 | 65 | 60 | 66 | 59 | 57 | 57 | 57 | 63 | 70 | 70 | 67 | 68 | 60 | 52 | 48 | 50 | 55 | 62 | 63 | 52 | 48 | 51 | 60 | 62 | 60.3 |
| NEWARK WB AIRPORT | MAX | 86 | 84 | 90 | 87 | 79 | 87 | 89 | 90 | 87 | 82 | 83 | 85 | 87 | 89 | 85 | 89 | 91 | 88 | 88 | 79 | 79 | 81 | 85 | 91 | 92 | 80 | 76 | 83 | 86 | 89 | 91 | 85.7 |
| | MIN | 70 | 71 | 75 | 75 | 71 | 70 | 70 | 73 | 70 | 72 | 67 | 66 | 70 | 70 | 75 | 75 | 74 | 74 | 72 | 65 | 59 | 60 | 64 | 69 | 72 | 66 | 59 | 60 | 63 | 69 | 71 | 68.9 |
| NEWTON | MAX | 86 | 87 | 82 | 87 | 73 | 79 | 85 | 87 | 81 | 82 | 80 | 79 | 82 | 86 | 87 | 83 | 87 | 88 | 86 | 86 | 77 | 76 | 80 | 85 | 90 | | | 75 | 82 | 84 | 87 | 83.1 |
| | MIN | 60 | 62 | 63 | 63 | 63 | 62 | 59 | 65 | 59 | 60 | 54 | 49 | 53 | 55 | 61 | 61 | 70 | 66 | 68 | 57 | 48 | 42 | 49 | 55 | 56 | 60 | 42 | 45 | 50 | 59 | 60 | 57.3 |
| PATERSON | MAX | 89 | 89 | 87 | 90 | 87 | 80 | 87 | 90 | 91 | 91 | 84 | 82 | 84 | 88 | 90 | 88 | 89 | 91 | 88 | 88 | 78 | 79 | 81 | 86 | 92 | 94 | 85 | 76 | 84 | 87 | 90 | 86.6 |
| | MIN | 68 | 68 | 74 | 73 | 68 | 65 | 69 | 72 | 68 | 67 | 65 | 60 | 63 | 63 | 73 | 70 | 76 | 70 | 73 | 64 | 53 | 52 | 59 | 66 | 68 | 68 | 54 | 56 | 61 | 67 | 68 | 65.8 |
| PHILLIPSBURG | MAX | 88 | 86 | 86 | 88 | 81 | 86 | 90 | 89 | 86 | 82 | 84 | 84 | 86 | 87 | 89 | 90 | 89 | 88 | 86 | 84 | 79 | 81 | 85 | 89 | 92 | 92 | 82 | 81 | 86 | 91 | 92 | 86.4 |
| | MIN | 64 | 64 | 67 | 68 | 64 | 65 | 61 | 64 | 62 | 67 | 58 | 55 | 59 | 57 | 71 | 70 | 69 | 67 | 68 | 60 | 51 | 47 | 52 | 57 | 65 | 62 | 49 | 50 | 53 | 62 | 64 | 61.0 |
| PLAINFIELD | MAX | 89 | 87 | 89 | 85 | 78 | 87 | 90 | 89 | 86 | 83 | 84 | 86 | 87 | 88 | 87 | 88 | 90 | 88 | 88 | 80 | 80 | 82 | 87 | 91 | 92 | 85 | 77 | 84 | 87 | 90 | 91 | 86.3 |
| | MIN | 65 | 66 | 71 | 72 | 68 | 66 | 63 | 67 | 65 | 68 | 61 | 56 | 61 | 61 | 72 | 70 | 73 | 69 | 69 | 65 | 50 | 48 | 54 | 60 | 64 | 65 | 54 | 51 | 55 | 64 | 68 | 63.3 |
| SOMERVILLE | MAX | 89 | 87 | 82 | 86 | 78 | 87 | 89 | 90 | 85 | 82 | 85 | 84 | 87 | 88 | 87 | 89 | 90 | 88 | 87 | 82 | 79 | 81 | 86 | 91 | 91 | 89 | 78 | 83 | 86 | 90 | 91 | 86.0 |
| | MIN | 64 | 65 | 69 | 71 | 67 | 65 | 62 | 65 | | | 60 | 57 | 60 | 60 | 71 | 71 | 72 | 68 | 68 | 64 | 49 | 47 | 55 | 57 | 62 | 64 | 51 | 50 | 54 | 62 | 64 | 61.9 |
| SUSSEX 1 SE | MAX | 85 | 87 | 82 | 86 | 72 | 78 | 85 | 86 | 84 | 82 | 78 | 80 | 82 | 82 | 85 | 86 | 82 | 82 | 84 | 87 | 77 | 75 | 79 | 85 | 88 | 90 | 78 | 72 | 80 | 83 | 86 | 82.2 |
| | MIN | 58 | 60 | 61 | 61 | 60 | 60 | 57 | 57 | 57 | 59 | 52 | 48 | 48 | 52 | 55 | 64 | 62 | 62 | 63 | 53 | 42 | 39 | 42 | 48 | 55 | 57 | 41 | 42 | 47 | 52 | 59 | 54.0 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 85 | 85 | 86 | 81 | 76 | 85 | 90 | 90 | 88 | 80 | 79 | 81 | 82 | 81 | 88 | 90 | 90 | 90 | 92 | 75 | 76 | 77 | 83 | 88 | 94 | 82 | 74 | 77 | 83 | 89 | 90 | 84.1 |
| | MIN | 67 | 72 | 69 | 74 | 69 | 68 | 66 | 70 | 70 | 64 | 60 | 55 | 56 | 60 | 73 | 74 | 75 | 71 | 71 | 50 | 51 | 43 | 52 | 60 | 65 | 57 | 48 | 45 | 55 | 62 | 65 | 62.5 |
| AUDUBON | MAX | 87 | 88 | 89 | 84 | 76 | 87 | 89 | 90 | 87 | 83 | 85 | 85 | 88 | 87 | 91 | 90 | 89 | 91 | 87 | 82 | 80 | 82 | 87 | 92 | 94 | 86 | 79 | 84 | 87 | 91 | 92 | 86.7 |
| | MIN | 68 | 72 | 69 | 72 | 69 | 65 | 65 | 71 | 70 | 68 | 63 | 61 | 62 | 61 | 74 | 75 | 74 | 71 | 70 | 66 | 56 | 52 | 56 | 62 | 67 | 66 | 56 | 53 | 56 | 64 | 68 | 65.2 |
| BELLEPLAIN ST FOREST | MAX | 84 | 85 | 85 | 84 | 75 | 85 | 88 | 89 | 88 | 85 | 82 | 83 | 83 | 83 | 86 | 87 | 89 | 89 | 87 | 81 | 79 | 80 | 85 | 90 | 91 | 90 | 83 | 79 | 83 | 87 | 88 | 84.9 |
| | MIN | 64 | 72 | 68 | 71 | 70 | 65 | 63 | 70 | 72 | 69 | 62 | 56 | 56 | 60 | 72 | 74 | 74 | 70 | 70 | 65 | 50 | 48 | 47 | 58 | 61 | 64 | 53 | 48 | 51 | 61 | 65 | 62.9 |
| BURLINGTON | MAX | 87 | 86 | 85 | 82 | 78 | 86 | 88 | 87 | 83 | 78 | 81 | 85 | 87 | 84 | 91 | 90 | 91 | 90 | 87 | 83 | 78 | 84 | | | 91 | 94 | 82 | 81 | 85 | | | 85.3 |
| | MIN | 68 | 72 | 71 | 71 | 73 | 66 | 65 | 66 | 71 | 68 | 65 | 63 | 64 | 65 | 72 | 75 | 74 | 72 | 72 | 70 | 55 | 51 | | | 70 | 69 | 55 | 55 | 59 | 66 | 69 | 66.6 |
| CHATSWORTH | MAX | 86 | 87 | 87 | 85 | 77 | 86 | 89 | 90 | 87 | 85 | 81 | 84 | 87 | 84 | 87 | 88 | 86 | 88 | 87 | 84 | 79 | 80 | 86 | 92 | 94 | 93 | 83 | 82 | 85 | 91 | 91 | 86.2 |
| | MIN | 67 | 71 | 68 | 71 | 70 | 65 | 63 | 68 | 69 | 68 | 61 | 58 | 57 | 59 | 73 | 64 | 68 | 70 | 69 | 64 | 51 | 48 | 53 | 60 | 61 | 63 | 52 | 47 | 51 | 58 | 64 | 62.3 |
| FREEHOLD | MAX | 85 | 85 | 85 | 67 | 83 | 77 | 85 | 87 | 87 | 83 | 79 | 81 | 83 | 85 | 86 | 85 | 86 | 85 | 84 | 84 | 76 | 77 | 78 | 84 | 88 | 89 | 81 | 74 | 80 | 83 | 89 | 83.3 |
| | MIN | 66 | 70 | 70 | 71 | 69 | 65 | 63 | 69 | 64 | 67 | 60 | 56 | 61 | 60 | 71 | 71 | 72 | 68 | 68 | 65 | 49 | 49 | 54 | 61 | 65 | 65 | 53 | 52 | 55 | 62 | 65 | 63.1 |
| GLASSBORO | MAX | 87 | 86 | 88 | 85 | 84 | 76 | 88 | 89 | 88 | 86 | 82 | 82 | 86 | 86 | 84 | 88 | 88 | 86 | 88 | 86 | 78 | 80 | 80 | 86 | 91 | 93 | 88 | 80 | 82 | 82 | 90 | 85.3 |
| | MIN | 70 | 70 | 66 | 70 | 67 | 61 | 63 | 69 | 70 | 64 | 63 | 62 | 58 | 58 | 72 | 74 | 72 | 62 | 72 | 68 | 62 | 58 | 60 | 64 | 61 | 62 | 50 | 50 | 52 | 58 | 64 | 63.6 |
| HAMMONTON 2 NNE | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | MAX | 87 | 87 | 90 | 85 | 75 | 85 | 88 | 90 | 85 | 81 | 81 | 83 | 86 | 87 | 90 | 86 | 88 | 87 | 85 | 78 | 77 | 78 | 84 | 88 | 90 | 83 | 75 | 81 | 85 | 89 | 90 | 84.6 |
| | MIN | 66 | 69 | 71 | 71 | 68 | 64 | 64 | 70 | 65 | 68 | 61 | 57 | 60 | 60 | 72 | 72 | 73 | 69 | 69 | 66 | 49 | 47 | 53 | 59 | 64 | 64 | 51 | 49 | 55 | 63 | 66 | 63.1 |
| INDIAN MILLS 2 W | MAX | 85 | 86 | 87 | 83 | 74 | 85 | 88 | 89 | 86 | 80 | 82 | 86 | 66 | 84 | 90 | 89 | 87 | 89 | 87 | 78 | 77 | 80 | 86 | 90 | 93 | 85 | 77 | 82 | 85 | 91 | 91 | 85.1 |
| | MIN | 64 | 71 | 66 | 70 | 70 | 65 | 63 | 71 | 69 | 68 | 59 | 55 | 56 | 56 | 71 | 73 | 73 | 70 | 70 | 64 | 49 | 46 | 51 | 57 | 61 | 62 | 52 | 46 | 50 | 61 | 65 | 62.1 |
| MILLVILLE | MAX | | | | | | | | | | | | | | | | | | | | | | | | 90 | 90 | 92 | 86 | 80 | 82 | 85 | 89 | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | 67 | 64 | 54 | 51 | 57 | 61 | 66 | |
| MILLVILLE FAA AIRPORT | MAX | 83 | 84 | 86 | 82 | 74 | 85 | 88 | 88 | 86 | 80 | 83 | 83 | 84 | 82 | 86 | 87 | 87 | 87 | 86 | 76 | 78 | 79 | 84 | 89 | 92 | 83 | 76 | 79 | 82 | 87 | 87 | 83.6 |
| | MIN | 69 | 72 | 69 | 72 | 69 | 67 | 68 | 71 | 70 | 68 | 63 | 61 | 61 | 64 | 74 | 75 | 76 | 71 | 72 | 59 | 54 | 53 | 58 | 61 | 69 | 62 | 56 | 53 | 57 | 62 | 66 | 65.2 |
| MOORESTOWN | MAX | 86 | 87 | 88 | 82 | 75 | 84 | 88 | 89 | 85 | 83 | 81 | 83 | 86 | 85 | 88 | 87 | 86 | 87 | 85 | 77 | 77 | 80 | 83 | 89 | 91 | 83 | 77 | 80 | 83 | 91 | 90 | 84.4 |
| | MIN | 67 | 73 | 69 | 67 | 68 | 63 | 65 | 71 | 70 | 68 | 62 | 58 | 58 | 59 | 71 | 74 | 73 | 70 | 70 | 67 | 53 | 48 | 54 | 64 | 59 | 63 | 53 | 49 | 56 | 64 | 68 | 63.7 |

Continued

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | MAX | 86 | 86 | 86 | 89 | 84 | 78 | 86 | 87 | 86 | 83 | 81 | 82 | 83 | 84 | 86 | 87 | 87 | 88 | 86 | 85 | 78 | 77 | 85 | 86 | 88 | 89 | 82 | 76 | 80 | 84 | 89 | 84.3 |
| | MIN | 66 | 64 | 71 | 71 | 67 | 66 | 65 | 68 | 73 | 67 | 63 | 58 | 64 | 62 | 65 | 72 | 73 | 69 | 69 | 65 | 53 | 49 | 55 | 61 | 63 | 67 | 53 | 51 | 55 | 60 | 67 | 63.6 |
| PEMBERTON 3 E | MAX | 87 | 89 | 87 | 85 | 76 | 87 | 91 | 92 | 88 | 84 | 84 | 86 | 89 | 87 | 90 | 90 | 88 | 91 | 87 | 81 | 80 | 80 | 86 | 91 | 93 | 89 | 80 | 83 | 86 | 90 | 91 | 86.7 |
| | MIN | 64 | 71 | 68 | 70 | 69 | 66 | 63 | 69 | 68 | 68 | 60 | 57 | 58 | 57 | 74 | 73 | 72 | 69 | 69 | 69 | 49 | 47 | 50 | 57 | 60 | 59 | 53 | 47 | 51 | 59 | 63 | 62.2 |
| SEABROOK FARMS | MAX | 86 | 85 | 84 | 84 | 81 | 74 | 85 | 87 | 89 | 86 | 81 | 82 | 85 | 84 | 83 | 88 | 88 | 88 | 87 | 87 | 78 | 78 | 79 | 84 | 87 | 90 | 85 | 77 | 79 | 83 | 88 | 83.9 |
| | MIN | 68 | 72 | 68 | 71 | 69 | 66 | 67 | 71 | 71 | 63 | 67 | 60 | 61 | 62 | 68 | 75 | 75 | 70 | 71 | 66 | 51 | 51 | 55 | 60 | 66 | 65 | 54 | 53 | 56 | 62 | 62 | 64.4 |
| SHILOH | MAX | 86 | 84 | 84 | 81 | 75 | 84 | 88 | 87 | 86 | 82 | 81 | 85 | 83 | 83 | 86 | 86 | 84 | 87 | 87 | 82 | 77 | 79 | 84 | 89 | 91 | 91 | 85 | 80 | 82 | 88 | 88 | 84.4 |
| | MIN | 68 | 71 | 67 | 70 | 68 | 65 | 68 | 71 | 70 | 67 | 63 | 61 | 61 | 63 | 64 | 70 | 74 | 70 | 68 | 65 | 51 | 52 | 59 | 63 | 67 | 66 | 52 | 54 | 56 | 58 | 66 | 64.1 |
| TOMS RIVER | MAX | 86 | 86 | 89 | 89 | 86 | 80 | 83 | 91 | 91 | 88 | 81 | 80 | 63 | 86 | 85 | 87 | 88 | 88 | 90 | 87 | 72 | 78 | 80 | 85 | 94 | 93 | 81 | 75 | 80 | 88 | 90 | 85.2 |
| | MIN | 67 | 69 | 70 | 71 | 71 | 67 | 63 | 68 | 70 | 68 | 61 | 57 | 58 | 59 | 64 | 72 | 73 | 70 | 70 | 70 | 49 | 48 | 52 | 57 | 64 | 63 | 54 | 48 | 52 | 58 | 65 | 62.8 |
| TRENTON WB CITY | MAX | 86 | 85 | 89 | 82 | 76 | 85 | 89 | 89 | 85 | 81 | 81 | 84 | 85 | 85 | 88 | 87 | 87 | 88 | 85 | 78 | 77 | 79 | 83 | 90 | 91 | 82 | 74 | 81 | 85 | 89 | 90 | 84.4 |
| | MIN | 70 | 72 | 74 | 72 | 69 | 68 | 68 | 67 | 71 | 69 | 65 | 64 | 68 | 66 | 74 | 75 | 71 | 72 | 72 | 62 | 56 | 55 | 63 | 66 | 72 | 63 | 55 | 59 | 62 | 67 | 72 | 67.1 |
| TUCKERTON | MAX | 82 | 86 | 86 | 83 | 79 | 83 | 90 | 85 | 89 | 79 | 79 | 80 | 82 | 80 | 85 | 86 | 89 | 89 | 88 | 80 | 80 | 77 | 83 | 92 | 94 | 80 | 72 | 79 | 81 | 91 | 87 | 83.7 |
| | MIN | 65 | 72 | 69 | 73 | 70 | 69 | 67 | 71 | 71 | 68 | 69 | 58 | 58 | 61 | 75 | 74 | 75 | 70 | 70 | 57 | 50 | 50 | 56 | 62 | 66 | 64 | 54 | 49 | 54 | 63 | 67 | 64.4 |
| WOODSTOWN | MAX | 86 | 87 | 85 | 83 | 76 | 87 | 89 | 89 | 87 | 85 | 84 | 86 | 86 | 86 | 90 | 89 | 89 | 88 | 87 | 81 | 80 | 81 | 88 | 91 | 93 | 91 | 80 | 81 | 85 | 84 | 89 | 85.9 |
| | MIN | 64 | 72 | 65 | 70 | 68 | 66 | 66 | 72 | 68 | 65 | 58 | 58 | 59 | 61 | 71 | 74 | 74 | 70 | 69 | 65 | 53 | 50 | 54 | 59 | 63 | 61 | 53 | 51 | 54 | 61 | 74 | 63.5 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 82 | 82 | 84 | 80 | 78 | 81 | 90 | 80 | 87 | 79 | 78 | 80 | 82 | 82 | 81 | 81 | 83 | 84 | 89 | 76 | 75 | 76 | 82 | 90 | 92 | 81 | 73 | 76 | 77 | 82 | 84 | 81.5 |
| | MIN | 74 | 76 | 72 | 75 | 72 | 70 | 72 | 76 | 71 | 71 | 68 | 65 | 68 | 70 | 75 | 76 | 75 | 73 | 75 | 62 | 58 | 58 | 61 | 67 | 71 | 66 | 61 | 62 | 65 | 69 | 72 | 69.2 |
| CAPE MAY 1 NW | MAX | 82 | 81 | 85 | 80 | 81 | 76 | 82 | 87 | 84 | 85 | 78 | 79 | 79 | 79 | 81 | 84 | 82 | 89 | 85 | 87 | 74 | 76 | 75 | 81 | 85 | 88 | 82 | 73 | 75 | 77 | 82 | 81.1 |
| | MIN | 72 | 73 | 69 | 73 | 71 | 67 | 70 | 73 | 75 | 69 | 65 | 61 | 61 | 66 | 74 | 73 | 72 | 73 | 70 | 70 | 56 | 56 | 58 | 65 | 68 | 70 | 57 | 55 | 59 | 64 | 67 | 66.8 |
| LONG BRANCH 2S | MAX | 84 | 83 | 84 | 84 | 80 | 82 | 87 | 89 | 87 | 80 | 79 | 84 | 83 | 84 | 80 | 85 | 87 | 87 | 86 | 81 | 76 | 78 | 80 | 89 | 89 | 83 | 73 | 80 | 85 | 84 | 89 | 83.3 |
| | MIN | 69 | 70 | 69 | 72 | 72 | 69 | 66 | 71 | 67 | 69 | 63 | 60 | 63 | 62 | 74 | 74 | 73 | 75 | 71 | 69 | 59 | 55 | 57 | 64 | 68 | 67 | 59 | 54 | 60 | 65 | 68 | 66.3 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 87 | 86 | 90 | 86 | 82 | 87 | 89 | 87 | 87 | 83 | 85 | 85 | 85 | 86 | 86 | 88 | 88 | 86 | 85 | 82 | 84 | 85 | 88 | 90 | 90 | 89 | 85 | 85 | 85 | 88 | 88 | 86.4 |
| | | MIN | 73 | 74 | 76 | 78 | 76 | 73 | 74 | 75 | 75 | 75 | 73 | 70 | 72 | 72 | 77 | 78 | 78 | 77 | 76 | 70 | 66 | 65 | 68 | 71 | 73 | 72 | 67 | 65 | 68 | 71 | 74 | 72.6 |
| | 2 | MAX | 84 | 85 | 88 | 84 | 81 | 85 | 87 | 85 | 84 | 82 | 82 | 83 | 82 | 84 | 85 | 85 | 84 | 83 | 83 | 81 | 82 | 82 | 85 | 87 | 88 | 86 | 83 | 83 | 83 | 85 | 85 | 84.1 |
| | | MIN | 74 | 74 | 77 | 78 | 76 | 74 | 75 | 76 | 76 | 76 | 74 | 71 | 73 | 74 | 78 | 78 | 78 | 77 | 77 | 73 | 69 | 67 | 69 | 72 | 75 | 75 | 70 | 67 | 70 | 73 | 75 | 73.9 |
| | 4 | MAX | 82 | 83 | 85 | 83 | 80 | 84 | 84 | 83 | 83 | 81 | 80 | 81 | 82 | 82 | 84 | 84 | 83 | 82 | 82 | 80 | 80 | 80 | 83 | 84 | 85 | 84 | 81 | 81 | 82 | 83 | 83 | 82.4 |
| | | MIN | 75 | 75 | 77 | 78 | 76 | 75 | 75 | 77 | 76 | 76 | 74 | 73 | 74 | 74 | 78 | 78 | 78 | 77 | 77 | 75 | 70 | 69 | 70 | 73 | 75 | 76 | 71 | 69 | 70 | 73 | 75 | 74.5 |
| | 8 | MAX | 78 | 79 | 81 | 80 | 79 | 80 | 80 | 80 | 81 | 79 | 77 | 78 | 78 | 79 | 81 | 81 | 80 | 80 | 80 | 78 | 78 | 77 | 78 | 80 | 81 | 80 | 78 | 78 | 77 | 79 | 80 | 79.2 |
| | | MIN | 76 | 76 | 77 | 79 | 77 | 77 | 77 | 78 | 78 | 77 | 76 | 74 | 75 | 75 | 78 | 78 | 78 | 78 | 78 | 76 | 73 | 72 | 73 | 74 | 76 | 77 | 74 | 72 | 73 | 73 | 75 | 75.8 |
| | 20 | MAX | 74 | 75 | 75 | 76 | 76 | 75 | 76 | 76 | 77 | 77 | 76 | 75 | 76 | 75 | 76 | 77 | 77 | 77 | 78 | 77 | 76 | 75 | 75 | 75 | 76 | 76 | 76 | 75 | 74 | 75 | 75 | 75.8 |
| | | MIN | 74 | 74 | 75 | 75 | 75 | 75 | 75 | 75 | 77 | 76 | 75 | 74 | 75 | 75 | 75 | 75 | 76 | 76 | 76 | 76 | 75 | 74 | 74 | 74 | 75 | 76 | 75 | 74 | 74 | 74 | 74 | 74.9 |
| | 40 | MAX | 71 | 71 | 72 | 72 | 72 | 73 | 72 | 72 | 74 | 73 | 73 | 73 | 73 | 73 | 74 | 74 | 74 | 75 | 75 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 73 | 74 | 73 | 73.3 |
| | | MIN | 70 | 71 | 71 | 71 | 72 | 72 | 72 | 72 | 72 | 73 | 73 | 72 | 72 | 72 | 72 | 72 | 73 | 73 | 73 | 73 | 74 | 74 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 72 | 72 | 72.4 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 91 | 93 | 95 | 88 | 84 | 92 | 93 | 90 | 87 | 87 | 87 | 90 | 89 | 92 | 95 | 91 | 90 | 91 | 88 | 87 | 86 | 90 | 94 | 98 | 98 | 90 | 91 | 92 | 93 | 94 | 95 | 91.0 |
| | | MIN | 71 | 73 | 75 | 76 | 74 | 72 | 71 | 72 | 73 | 73 | 69 | 66 | 69 | 69 | 75 | 76 | 75 | 74 | 73 | 66 | 60 | 59 | 64 | 69 | 72 | 69 | 62 | 62 | 65 | 70 | 73 | 69.9 |
| | 2 | MAX | 90 | 92 | 94 | 88 | 84 | 91 | 92 | 89 | 87 | 87 | 86 | 89 | 88 | 91 | 93 | 90 | 90 | 90 | 88 | 86 | 85 | 89 | 93 | 96 | 97 | 90 | 90 | 91 | 92 | 93 | 94 | 90.2 |
| | | MIN | 72 | 73 | 75 | 76 | 75 | 72 | 71 | 72 | 73 | 73 | 69 | 66 | 69 | 69 | 75 | 76 | 75 | 74 | 73 | 67 | 61 | 60 | 64 | 69 | 72 | 70 | 63 | 62 | 65 | 70 | 73 | 70.1 |
| | 4 | MAX | 85 | 86 | 88 | 84 | 82 | 86 | 86 | 84 | 83 | 83 | 82 | 83 | 84 | 85 | 88 | 86 | 85 | 85 | 84 | 82 | 80 | 82 | 86 | 89 | 90 | 85 | 84 | 85 | 86 | 87 | 88 | 84.9 |
| | | MIN | 74 | 75 | 77 | 77 | 76 | 74 | 73 | 74 | 74 | 74 | 71 | 70 | 71 | 71 | 76 | 77 | 76 | 75 | 75 | 72 | 66 | 65 | 68 | 71 | 74 | 75 | 68 | 67 | 69 | 72 | 75 | 72.6 |
| | 8 | MAX | 80 | 81 | 83 | 81 | 79 | 81 | 81 | 80 | 81 | 79 | 78 | 78 | 80 | 80 | 82 | 81 | 81 | 81 | 80 | 78 | 77 | 77 | 79 | 82 | 83 | 81 | 79 | 79 | 79 | 82 | 82 | 80.2 |
| | | MIN | 75 | 76 | 77 | 78 | 77 | 75 | 75 | 76 | 76 | 75 | 74 | 73 | 74 | 74 | 76 | 77 | 77 | 77 | 77 | 74 | 70 | 70 | 71 | 73 | 76 | 77 | 73 | 72 | 73 | 74 | 76 | 74.8 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# EVAPORATION AND WIND

| Station | | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * NORTHERN | 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | | EVAP | .21 | .16 | .15 | .17 | .59 | .14 | .17 | .16 | .15 | .31 | .12 | .18 | .12 | .19 | .14 | .01 | .25 | .24 | .14 | .14 | .14 | .21 | .25 | .21 | .10 | .21 | .19 | .17 | .20 | .16 | .33 | 5.91 |
| | | WIND | 3 | 32 | 11 | 24 | 52 | 10 | 1 | 36 | 50 | 35 | 37 | 5 | 11 | 19 | 19 | 31 | 38 | 47 | 44 | 31 | 22 | 17 | 10 | 25 | 0 | 8 | 12 | 28 | 27 | 34 | 4 | 723 |
| | | MAX | 92 | 90 | 89 | 94 | 88 | 82 | 92 | 94 | 88 | 81 | 85 | 88 | 90 | 90 | 92 | 86 | 87 | 73 | 72 | 72 | 67 | 62 | 63 | 64 | 71 | 70 | 70 | 62 | 62 | 72 | 70 | 79.3 |
| | | MIN | 72 | 71 | 72 | 75 | 71 | 71 | 71 | 72 | 70 | 70 | 70 | 66 | 64 | 55 | 68 | 73 | 73 | 72 | 72 | 67 | 58 | 57 | 58 | 59 | 62 | 70 | 62 | 58 | 58 | 62 | 66 | 66.6 |
| * * * SOUTHERN | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | | EVAP | .21 | - | - | - | - | .10 | .25 | - | - | - | .22 | .21 | .26 | - | - | - | - | - | - | .20 | .28 | .25 | .24 | .27 | - | .30 | - | .22 | .24 | .19 | .21 | - |
| | | WIND | 37 | 63 | 47 | 39 | 77 | 28 | 43 | 68 | 77 | 91 | 64 | 30 | 33 | 43 | 39 | 35 | 76 | 64 | 79 | 81 | 48 | 46 | 39 | 60 | 41 | 62 | 45 | 33 | 56 | 77 | 23 | 1644 |
| | | MAX | 91 | 90 | 89 | 94 | 88 | 80 | 92 | 93 | 90 | 86 | 84 | 88 | 90 | 89 | 92 | 91 | 90 | 90 | 90 | 88 | 86 | 82 | 85 | 87 | 91 | 92 | 88 | 84 | 85 | 86 | 89 | 88.4 |
| | | MIN | 71 | 70 | 73 | 74 | 70 | 69 | 68 | 67 | 72 | 69 | 65 | 64 | 64 | 65 | 65 | 74 | 73 | 70 | 70 | 65 | 55 | 55 | 55 | 59 | 61 | 67 | 55 | 54 | 56 | 59 | 69 | 65.3 |
| PEMBERTON 3 E | | EVAP | .16 | - | .12 | .13 | .03 | .15 | .15 | .24 | .15 | .14 | .15 | .16 | .23 | .17 | .07 | .20 | .14 | .15 | .14 | .08 | .17 | .18 | .16 | .24 | .17 | .14 | .18 | .14 | .16 | .13 | .12 | 4.708 |
| | | WIND | 13 | 21 | 10 | 22 | 16 | 10 | 7 | 23 | 24 | 21 | 10 | 10 | 9 | 11 | 15 | 18 | 30 | 2 | 14 | 26 | 18 | 15 | 10 | 8 | 11 | 13 | 27 | 9 | 11 | 8 | 7 | 449 |
| SEABROOK FARMS | | EVAP | .24 | .12 | .28 | .18 | .17 | .04 | .20 | .25 | .27 | - | - | .25 | .22 | .29 | .13 | .19 | .25 | .20 | .15 | .17 | .19 | .25 | .25 | .25 | .16 | .37 | .31 | .24 | .22 | .22 | .18 | 6.678 |
| | | MAX | 94 | 91 | 89 | 91 | 84 | 78 | 91 | 94 | 93 | - | 90 | 88 | 91 | 91 | 86 | 94 | 93 | 89 | 93 | 88 | 80 | 85 | 86 | 90 | 93 | 95 | 89 | 84 | 83 | 89 | 91 | 89.1 |
| | | MIN | 70 | 71 | 70 | 70 | 69 | 69 | 68 | 70 | 72 | - | 67 | 66 | 65 | 67 | 67 | 75 | 74 | 72 | 70 | 68 | 55 | 55 | 56 | 62 | 70 | 70 | 55 | 54 | 60 | 62 | 66 | 66.2 |

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES |  |  |  | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  | TEMP. | PRECIP. | EVAP. | SPECIAL |  |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 27 |  |  |  | C | BERGEN COUNTY ENGINEER |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| ATLANTIC CITY | 0325 | 0 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID |  | J | STATE MARINA |
| AUDUBON | 0346 | 0 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P |  |  | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 0 | BURLINGTON | 1 | 39 37 | 74 26 | 3 |  | 9A |  | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0693 | 0 | CAPE MAY | 1 | 39 15 | 74 52 | 3 | 5P | 5P |  |  | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A |  | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 |  | 7A |  |  | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 |  | 7A |  |  | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 20 | 8A | 8A |  |  | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 5 |  | 8A |  |  | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 |  | 7A |  |  | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 0 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P |  |  | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 |  | 8A |  |  | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 18 | 8A | 8A | 9A |  | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 0 | SALEM | 2 | 39 28 | 75 25 | 20 |  | 9A |  |  | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 0 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A |  | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 0 | SALEM | 6 | 39 31 | 75 10 | 80 |  |  |  | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A |  | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P |  |  | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 |  | 8A |  |  | ANDREW F OROPPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P |  |  | HAROLD DUFLOCU |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P |  |  | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A |  | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A |  | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 |  | 7A |  |  | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A |  | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A |  | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 |  | 7A |  |  | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A |  |  | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A |  |  | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P |  | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P |  | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID |  |  | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P |  | H | E. L. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A |  |  | CHARLES KOONS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A |  | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 25 | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P |  | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A |  | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | [illegible] | 39 58 | 74 48 | 25 |  |  |  | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | [illegible] | 41 06 | 74 10 | 253 |  | 7A |  |  | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | [illegible] | 39 54 | 74 56 | 90 |  |  |  | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | [illegible] | 39 27 | 74 45 | 20 |  | 9A |  | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | [illegible] | 40 59 | 74 09 | 210 |  | MID |  |  | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | [illegible] | 39 24 | 75 03 | 72 | 9A | 9A |  | H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | [illegible] | 39 22 | 75 04 | 68 | MID | MID |  | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | [illegible] | 41 01 | 74 32 | 950 |  | 7A |  |  | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | [illegible] | 39 58 | 74 58 | 55 | MI | 8 |  | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A |  | H | [illegible] PH H. GARRIS, JR |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | GH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 |  | MID |  | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A |  | C H | NEWTON WTR. + [illegible] COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 |  | 8A |  |  | NEWARK WATER DEPT. |
| PATERSON | 6779 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A |  | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARU[illegible] |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A |  | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6977 | 01 | WARREN | 2 | 40 42 | 75 12 | 00 |  | 7A |  |  | JOINT TOL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 9 | 8P | 8P |  | H | MRS. VIVIAN [illegible]CHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 |  | 8A |  |  | MRS MARION GOOD NOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 |  | MID |  |  | PRINCETON WATER [illegible]. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 2 |  | MID |  | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 |  | 10A |  |  | NO. JERSEY WTR. SUPPLY |
| SEABROOK FARMS | 7936 | 0 | CUMBERLAND | 2 | 39 30 | 75 14 | 9 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P |  |  | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P |  | H | W. I. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | [illegible] | 40 58 | 74 28 | 800 |  | 10A |  |  | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 |  |  |  |  | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | [illegible] | 41 12 | 74 36 | 390 | 7A | 7 |  |  | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 0 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9 |  |  | TOMS RIVER WATER CO. |
| TRENTON WB CITY | 8883 | 0 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MI |  | HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 0 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7 |  |  | LAWERENCE FASANO. JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | [illegible] | 41 03 | 74 18 | 320 |  | 8A |  | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | [illegible] | 40 40 | 74 25 | 260 |  |  |  | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | [illegible] | 40 27 | 74 48 | 160 |  | 7A |  |  | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | [illegible] | 40 54 | 74 36 | 680 |  | 7 |  |  | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | [illegible] | 41 01 | 74 03 | 103 |  | MI |  |  | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5 |  |  | CREAM VALLEY DAIRY |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

  No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground, however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

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Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE- 10/03/69-880

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

THE LIBRARY OF THE
NOV 25 1969
UNIVERSITY OF ILLINOIS

NEW JERSEY
SEPTEMBER 1969
Volume 74 No. 9

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| 8ELVIOERE | 74.6 | 51.3 | 63.0 | - 3.0 | 86 | 2+ | 38 | 30 | 127 | 0 | 0 | 0 | 0 | 5.88 | 2.01 | 1.74 | 28 | .0 | 0 | | 8 | 3 | 3 |
| 8OONTON 1 SE | 75.5 | 52.6 | 64.1 | .6 | 90 | 2 | 37 | 30+ | 111 | 1 | 0 | 0 | 0 | 4.11 | - .24 | 1.89 | 4 | .0 | 0 | | 5 | 2 | 2 |
| CANOE 8ROOK | 75.9 | 52.8 | 64.4 | .2 | 92 | 1 | 41 | 23 | 113 | 2 | 0 | 0 | 0 | 6.04 | 1.72 | 3.38 | 4 | .0 | 0 | | 7 | 3 | 2 |
| CHARLOTTE8URG | 74.0 | 50.6 | 62.3 | - .1 | 89 | 2 | 38 | 30 | 141 | 0 | 0 | 0 | 0 | 4.10 | - .31 | 1.40 | 4 | .0 | 0 | | 6 | 4 | 1 |
| CRANFORO | 77.6 | 55.7 | 66.7 | | 91 | 1 | 40 | 30 | 72 | 1 | 0 | 0 | 0 | 9.47 | | 4.45 | 4 | .0 | 0 | | 6 | 4 | 2 |
| ELIZA8ETH | 77.6 | 56.4 | 67.0 | - .2 | 91 | 1 | 44 | 30 | 49 | 1 | 0 | 0 | 0 | 9.32 | 4.98 | 3.70 | 4 | .0 | 0 | | 5 | 3 | 3 |
| ESSEX FELLS SERV 8LOG | 75.8 | 53.2 | 64.5 | | 90 | 1 | 38 | 30 | 114 | 1 | 0 | 0 | 0 | 5.13 | | 1.82 | 4 | .0 | 0 | | 7 | 4 | 2 |
| FLEMINGTON 1 NE | 76.2 | 51.8 | 64.0 | - 2.6 | 90 | 2+ | 35 | 30 | 126 | 2 | 0 | 0 | 0 | 5.14 | 1.55 | 2.20 | 4 | .0 | 0 | | 7 | 2 | 2 |
| HIGH POINT PARK | 71.8M | 51.7M | 61.8M | | 86 | 2+ | 40 | 26 | 150 | 0 | 0 | 0 | 0 | 2.45 | | .60 | 9 | .0 | 0 | | 5 | 4 | 0 |
| JERSEY CITY | 75.6 | 60.2 | 67.9 | 1.0 | 92 | 1 | 48 | 22 | 44 | 1 | 0 | 0 | 0 | 5.16 | 1.35 | 1.98 | 3 | .0 | 0 | | 6 | 4 | 2 |
| LAM8ERTVILLE | 79.1 | 55.3 | 67.2 | 1.0 | 91 | 1 | 41 | 30+ | 65 | 1 | 0 | 0 | 0 | 4.66 | 1.37 | 1.80 | 3 | .0 | 0 | | 6 | 2 | 2 |
| LAYTON 2 | M | M | M | | 88 | 1 | | | | 0 | 0 | 0 | 0 | | | | | .0 | 0 | | | | |
| LITTLE FALLS | 76.7 | 55.6 | 66.2 | .4 | 92 | 2 | 42 | 30 | 82 | 2 | 0 | 0 | 0 | 4.84 | .29 | 2.12 | 4 | .0 | 0 | | 5 | 3 | 2 |
| LONG VALLEY | 72.9 | 49.0 | 61.0 | | 85 | 2+ | 34 | 24 | 171 | 0 | 0 | 0 | 0 | 5.59 | 1.67 | 1.87 | 4 | .0 | 0 | | 7 | 5 | 1 |
| MORRIS PLAINS 1 W | 75.5 | 52.3 | 63.9 | | 90 | 2 | 38 | 30 | 122 | 1 | 0 | 0 | 0 | 5.01 | | 1.93 | 4 | .0 | 0 | | 5 | 3 | 2 |
| NEWARK W8 AIRPORT R | 75.7 | 59.3 | 67.5 | .2 | 91 | 1 | 49 | 30 | 49 | 1 | 0 | 0 | 0 | 6.63 | 2.87 | 2.96 | 3 | .0 | 0 | | 7 | 2 | 2 |
| NEWTON | 75.4 | 48.9 | 62.2 | - .8 | 90 | 1 | 33 | 30 | 154 | 1 | 0 | 0 | 0 | 4.32 | .33 | 1.12 | 18 | .0 | 0 | | 6 | 5 | 1 |
| PATERSON | 77.9 | 58.0 | 68.0 | 1.6 | 94 | 1 | 45 | 30 | 62 | 3 | 0 | 0 | 0 | 4.15 | - .06 | 2.15 | 4 | .0 | 0 | | 5 | 2 | 2 |
| PHILLIPS8URG | 79.2 | 53.7 | 66.5 | 1.0 | 91 | 2+ | 38 | 30 | 75 | 3 | 0 | 0 | 0 | 4.78 | .78 | 1.30 | 18 | .0 | 0 | | 8 | 4 | 2 |
| PLAINFIELO | 77.1 | 55.3 | 66.2 | .0 | 92 | 1 | 40 | 30 | 72 | 1 | 0 | 0 | 0 | 6.73 | 2.40 | 2.75 | 4 | .0 | 0 | | 6 | 4 | 2 |
| SOMERVILLE | 78.2 | 54.2 | 66.2 | .2 | 91 | 1 | 39 | 30 | 76 | 1 | 0 | 0 | 0 | 5.71 | 1.94 | 2.48 | 4 | .0 | 0 | | 7 | 2 | 2 |
| SUSSEX 1 SE | 73.8 | 46.0 | 59.9 | - 3.6 | 89 | 2 | 31 | 30 | 193 | 0 | 0 | 1 | 0 | 3.87 | - .05 | .89 | 18 | .0 | 0 | | 7 | 5 | 0 |
| OIVISION | | | 64.8 | - .2 | | | | | | | | | | 5.39 | 1.33 | | | .0 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY W8 AP | 77.5 | 53.4 | 65.5 | - 1.7 | 93 | 1 | 32 | 30 | 108 | 3 | 0 | 1 | 0 | 1.65 | - 1.66 | 1.10 | 8 | .0 | 0 | | 3 | 1 | 1 |
| AUOU8ON | 79.0 | 57.3 | 68.2 | | 93 | 1 | 42 | 29 | 46 | 3 | 0 | 0 | 0 | 5.11 | | 3.80 | 3 | .0 | 0 | | 4 | 2 | 1 |
| 8ELLEPLAIN ST FOREST | 79.4 | 55.4 | 67.4 | | 90 | 2 | 35 | 30 | 64 | 1 | 0 | 0 | 0 | 2.60 | - 1.26 | 1.40 | 8 | .0 | 0 | | 4 | 1 | 1 |
| 8URLINGTON | M | 56.9 | M | | | | 45 | 27+ | | | 0 | 0 | 0 | 3.98 | - .33 | 2.30 | 3 | .0 | 0 | | 5 | 2 | 1 |
| CHATSWORTH | 78.9M | 54.3 | 66.6M | | 92 | 1 | 35 | 30 | 76 | 2 | 0 | 0 | 0 | 3.54 | | 1.80 | 3 | .0 | 0 | | 5 | 2 | 1 |
| FREEHOLO | 75.8 | 54.9 | 65.4 | - 1.1 | 90 | 2 | 39 | 30 | 94 | 1 | 0 | 0 | 0 | 3.50 | - .28 | 1.92 | 4 | .0 | 0 | | 7 | 2 | 1 |
| GLASS8ORO | 78.5 | 55.1 | 66.8 | | 93 | 2 | 41 | 30+ | 65 | 3 | 0 | 0 | 0 | 4.95 | | 2.65 | 4 | .0 | 0 | | 6 | 2 | 1 |
| HAMMONTON 2 NNE | 80.4 | 55.9 | 68.2 | .5 | 94 | 2 | 41 | 30 | 53 | 4 | 0 | 0 | 0 | 4.19 | .42 | 3.11 | 4 | .0 | 0 | | 7 | 1 | 1 |
| HIGHTSTOWN 1 N | 76.3 | 54.8 | 65.6 | - .6 | 90 | 1 | 39 | 30 | 87 | 1 | 0 | 0 | 0 | 5.15 | 1.16 | 2.19 | 3 | .0 | 0 | | 5 | 3 | 2 |
| INOIAN MILLS 2 W | 77.9 | 53.9 | 65.9 | - .4 | 92 | 1 | 35 | 30 | 85 | 1 | 0 | 0 | 0 | 5.69 | 2.09 | 3.58 | 3 | .0 | 0 | | 5 | 3 | 1 |
| MILLVILLE | 81.0M | 60.0M | 70.5M | | 92 | 3 | | | 35 | 4 | 0 | 0 | 0 | | | | | .0 | 0 | | | | |
| MILLVILLE FAA AIRPORT | 77.5 | 57.8 | 67.7 | | 89 | 2+ | 40 | 30 | 53 | 0 | 0 | 0 | 0 | 2.40 | | 1.45 | 8 | .0 | 0 | | 2 | 2 | 1 |
| MOORESTOWN | 76.4 | 56.5 | 66.5 | .1 | 90 | 1 | 39 | 30 | 73 | 1 | 0 | 0 | 0 | 3.96 | .21 | 2.05 | 4 | .0 | 0 | | | | |
| NEW 8RUNSWICK | 75.8 | 55.4 | 65.6 | | 89 | 2+ | 41 | 22 | 90 | 0 | 0 | 0 | 0 | 6.17 | | 4.45 | 4 | .0 | 0 | | 7 | 2 | 1 |
| PEM8ERTON 3 E | 79.0 | 54.3 | 66.7 | - .7 | 92 | 1 | 35 | 30 | 71 | 1 | 0 | 0 | 0 | 4.67 | .90 | 3.52 | 3 | .0 | 0 | | 5 | 1 | 1 |
| SEA8ROOK FARMS | 77.4 | 57.0 | 67.2 | | 90 | 3 | 40 | 29 | 67 | 1 | 0 | 0 | 0 | 3.59 | | 1.00 | 4 | .0 | 0 | | 5 | 5 | 1 |
| SHILOH | 78.6 | 57.2 | 67.9 | - .1 | 90 | 2 | 43 | 30 | 46 | 1 | 0 | 0 | 0 | 2.82 | - 1.12 | 1.33 | 3 | .0 | 0 | | 5 | 2 | 1 |
| TOMS RIVER | 77.5M | 54.1M | 65.8M | | | | 38 | 30 | 87 | | 0 | 0 | 0 | 2.44 | | .91 | 4 | .0 | 0 | | 5 | 3 | 0 |
| TRENTON W8 CITY R | 75.6 | 59.1 | 67.4 | .3 | 91 | 1 | 46 | 30 | 56 | 1 | 0 | 0 | 0 | 6.66 | 3.16 | 3.23 | 3 | .0 | 0 | | 8 | 4 | 3 |
| TUCKERTON | 77.1 | 57.4 | 67.3 | | 92 | 1 | 39 | 30 | 62 | 1 | 0 | 0 | 0 | 1.93 | | .74 | 8 | .0 | 0 | | 6 | 1 | 0 |
| WOOOSTOWN | 78.9 | 55.2 | 67.1 | | 91 | 1 | 40 | 30 | 60 | 1 | 0 | 0 | 0 | 3.98 | | 2.62 | 3 | .0 | 0 | | 4 | 1 | 1 |
| OIVISION | | | 67.0 | .0 | | | | | | | | | | 3.95 | .16 | | | .0 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 75.3 | 63.3 | 69.3 | .9 | 87 | 7 | 51 | 30 | 25 | 0 | 0 | 0 | 0 | 2.46 | - .94 | 1.47 | 8 | | | | 3 | 2 | 1 |
| CAPE MAY 1 NW | | | | | | | | | | | | | | | | | | | | | | | |
| LONG 8RANCH 2S | 75.7 | 59.0 | 67.4 | 1.2 | 89 | 1 | 45 | 30 | 54 | 0 | 0 | 0 | 0 | 3.24 | - .68 | .80 | 4 | .0 | 0 | | 6 | 3 | 0 |
| SANOY HOOK | | | | | | | | | | | | | | | | | | | | | | | |
| OIVISION | | | 68.4 | .6 | | | | | | | | | | 2.85 | - .82 | | | .0 | | | | | |

## EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>2 STATIONS | 94 | OATE | 02+ |
| LOWEST TEMPERATURE<br>SUSSEX 1 SE | 31 | OATE | 30 |
| GREATEST TOTAL PRECIPITATION<br>CRANFORO | 9.47 | | |
| LEAST TOTAL PRECIPITATION<br>8ASS RIVER ST FOREST | .61 | | |
| GREATEST 1 OAY PRECIPITATION<br>2 STATIONS | 4.45 | OATE | 04 |

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 70

# NEW JERSEY - SEPTEMBER 1969

## SPECIAL WEATHER SUMMARY

The most notable feature of September's weather was the variability of rainfall. The Southern Division had near normal precipitation, while the Northern Division was much above normal, and the Coastal Division well below normal.

The most severe weather occurred on the 3d-5th when from 2 inches to more than 7 inches of rain fell over the northeastern counties. Cranford reported a 2-day total of 7.70 inches, 1.45 inches of which fell in a period of 17 minutes. Plainfield reported 5.30 inches of rain on the 3d and 4th, with a monthly total of 6.73 inches. For the 3-month period, July through September, Plainfield has recorded 29.48 inches of precipitation. This is a marked contrast to the drought of the early 1960's when Plainfield reported a 12-month total of 30.78 inches of precipitation from August 1964 through July 1965.

Donald V. Dunlap
ESSA-Weather Bureau State Climatologist
Department of Meteorology
College of Agriculture and
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# DAILY PRECIPITATION

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| • • •<br>NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 5.88 | | | .32 | 1.51 | .18 | .35 | .30 | T | 1.00 | | | | | | | | | .48 | | | | | | | | | | 1.74 | T | | . |
| BERNARDSVILLE 2 E | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| BLACKWELLS MILLS | 4.94 | | | .02 | 3.68 | .20 | | | | .30 | | | | | | | | | .30 | | | | | | | | | | .44 | | | . |
| BOONTON 1 SE | 4.11 | | | .12 | 1.89 | .08 | .02 | .15 | T | .41 | | | | | | | | | 1.42 | .02 | | | | | | | | | | | | . |
| BOUND BROOK 2 W | 6.34 | | | .20 | 4.15 | .35 | T | .14 | .09 | .40 | | | | | | | | | .40 | | | | | | | | | | .61 | | | . |
| BRANCHVILLE | 4.25 | | | .27 | 1.05 | .30 | .01 | | .03 | .74 | | | | | | | | | 1.13 | | | | | | | | | | .72 | | | . |
| CANISTEAR RESERVOIR | 4.33 | | | .49 | .91 | .28 | T | T | T | 1.25 | T | | | | | | | | .73 | | | | | | | | | | .67 | | | . |
| CANOE BROOK | 6.04 | | | .10 | 3.38 | .11 | .01 | .19 | .02 | .14 | | | | | | | | | 1.37 | | | | | | | | | | .72 | | | . |
| CHARLOTTEBURG | 4.10 | | | .48 | 1.40 | .12 | T | .04 | T | .82 | T | | | | | | | | .62 | | | | | | | | | | .62 | | | . |
| CLINTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| CRANFORD | 9.47 | | .01 | 3.25 | 4.45 | .04 | .23 | | .24 | | | | | | | | | | .60 | | | | | | | | | | .65 | | | . |
| ELIZABETH | 9.32 | | T | 2.97 | 3.70 | 2.00 | | | .15 | .02 | | | | | | | | | | | | | | | | | | | .48 | | | . |
| ESSEX FELLS SERV BLDG | 5.13 | | | .56 | 1.82 | .14 | .10 | .03 | | .27 | | | | | | | | | 1.46 | | | | | | | | | | .75 | | | . |
| FLEMINGTON 1 NE | 5.14 | | | 1.09 | 2.20 | .27 | .03 | | .16 | .45 | | | | | | | | | .49 | | | | | | | | T | | .45 | | | . |
| GREENWOOD LAKE | 4.98 | | | .40 | 1.10 | .27 | .02 | .06 | .01 | 1.67 | | | | | | | | | .75 | | | | | | | | | | .70 | | | . |
| HIGH POINT PARK | 2.45 | | | .10 | | .58 | .08 | .04 | .03 | .60 | | | | | | | | | .52 | | | | | | | | | | .50 | | | . |
| JERSEY CITY | 5.16 | | T | 1.98 | 1.31 | | .58 | | .13 | | | | | | | | | .06 | .70 | | | | | | | T | | | .40 | | | . |
| LAMBERTVILLE | 4.66 | | T | 1.80 | 1.26 | .06 | .07 | T | .27 | .24 | | | | | | | | | .48 | | | | | | | | | | .48 | | | . |
| LAYTON 2 | - | | | .62 | .96 | .04 | .03 | .01 | .02 | .75 | | | | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| LITTLE FALLS | 4.84 | | | .09 | 2.12 | .27 | .01 | .06 | | .23 | | | | | | | | | 1.19 | | | | | | | | | | .87 | | | . |
| LONG VALLEY | 5.59 | | | .27 | 1.87 | .27 | .58 | | .07 | .85 | | | | | | | | | .95 | | | | | | | | | | .73 | | | . |
| MAHWAH | 4.04 | | | .46 | 1.45 | .21 | | .04 | T | .61 | | | | | | | | | .62 | | | | | | | | | | .65 | | | . |
| MIDLAND PARK | 5.40 | | .06 | 1.12 | 1.07 | | .18 | | .25 | | | | | | | | | 1.48 | .39 | | | | | | | | | | .85 | | | . |
| MILTON | 3.36 | | | .30 | .90 | .02 | .05 | .15 | .03 | .69 | | | | | | | | | .58 | | | | | | | | | | .64 | | | . |
| MORRIS PLAINS 1 W | 5.01 | | | .08 | 1.93 | .09 | .02 | .12 | T | .30 | T | | | | | | | | 1.57 | | | | | | | | | | .90 | | | . |
| NEWARK WB AIRPORT R | 6.63 | | .02 | 2.96 | 2.21 | | .31 | T | .19 | T | | | | | | | | .34 | .16 | | | | | | | T | | T | .44 | | | . |
| NEW MILFORD | 4.44 | | .50 | 1.09 | .95 | | .15 | | .29 | | | | | | | | | .57 | .19 | | | | | | | | | | .70 | | | . |
| NEWTON | 4.32 | | | .51 | .87 | .84 | | T | .01 | .23 | | | | | | | | | 1.12 | | | | | | | | | | .74 | | | . |
| OAK RIDGE RESERVOIR | 4.17 | | | .69 | 1.12 | .22 | .06 | .04 | | .64 | | | | | | | | | .68 | | | | | | | | | | .72 | | | . |
| PATERSON | 4.15 | | | .12 | 2.15 | .12 | | .01 | | .45 | | | | | | | | | 1.30 | | | | | | | | | | | | | . |
| PHILLIPSBURG | 4.78 | | | .72 | 1.09 | .48 | .35 | | .10 | .22 | | | | | | | | | 1.30 | | | | | | | | | | .52 | | | . |
| PHILLIPSBURG BRIDGE | 4.97 | | | | 1.96 | .45 | .55 | | .24 | | | | | | | | | | .93 | | | | | | | | | | .84 | | | . |
| PLAINFIELD | 6.73 | | .03 | 2.55 | 2.75 | | .21 | | .14 | .05 | | | | | | | | | .50 | | | | | | | T | | | .50 | | | . |
| POTTERSVILLE 2 NNW | 6.93 | | | .30 | 2.30 | .05 | T | .40 | .01 | .72 | | | | | | | | | 1.92 | | | | | | | | | | 1.23 | | | . |
| RAHWAY | 7.23 | | | 3.70 | 2.60 | | .07 | | .11 | | | | | | | | | .15 | .25 | | | | | | | T | | | .35 | | | . |
| RINGWOOD | 3.82 | | .30 | .57 | .85 | .09 | T | | | .77 | | | | | | | | | .58 | | | | | | | | | | .66 | | | . |
| SOMERVILLE | 5.71 | | T | 1.75 | 2.48 | .03 | .22 | | .13 | .17 | | | | | | | | | .48 | | | | | | T | | | .45 | | | | . |
| SPLIT ROCK POND | 5.00 | | | .47 | 1.74 | .09 | .21 | | | .76 | | | | | | | | | 1.00 | | | | | | | | | | .73 | | | . |
| SUSSEX 1 SE | 3.87 | | | .31 | .72 | .61 | .03 | .12 | .02 | .51 | | | | | | | | | .89 | | | | | | | | | | .66 | | | . |
| WANAQUE RAYMOND DAM | 4.68 | | | .64 | 1.64 | .10 | | .01 | | .87 | | | | | | | | | .78 | | | | | | | | | | .64 | | | . |
| WERTSVILLE | 5.79 | | | .70 | 3.62 | .21 | T | | .12 | .27 | | T | | | | | | | .40 | T | | | T | | | | | | .47 | | | . |
| WEST WHARTON | 4.61 | | | .10 | 1.12 | .10 | .01 | .35 | .01 | 1.18 | .02 | | | | | | | | 1.08 | | | | | | | | | | .64 | | | . |
| WOODCLIFF LAKE | 4.49 | | .12 | .80 | .72 | .01 | .15 | | .37 | | | | | | | | | 1.28 | .34 | | | | | | | | | | .70 | | | . |
| • • •<br>SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 1.65 | | .11 | .37 | T | T | | T | 1.10 | .05 | | | | | | | | | .01 | | | T | | | | | | | .01 | | | . |
| AUDUBON | 5.11 | | .19 | 3.80 | .80 | | | .06 | .19 | | | | | | | | | | .07 | | | | | | | T | | | T | | | . |
| BASS RIVER ST FOREST | .61 | | | .06 | .36 | | | | | | | | | | | | | | | | | | | | | | .02 | | .17 | | | . |
| BELLEPLAIN ST FOREST | 2.60 | | | .49 | .02 | | | | 1.40 | .30 | | | | | | | | | | | | .39 | | | | | | | | | | . |
| BURLINGTON | 3.98 | | .01 | 2.30 | .83 | .12 | | | | | | | | | | | | | .25 | | | | | | | | | | .47 | | | . |
| CANTON | 1.66 | | | .48 | .38 | .03 | | | | .44 | .20 | | | | | | | | .03 | | | .04 | | | | .01 | | | .05 | | | . |
| CHATSWORTH | 3.54 | | | 1.80 | .83 | .03 | | .03 | .26 | .18 | | | | | | | | | | | | | | | | | | | .41 | | | . |
| FORTESCUE | 2.98 | | | .65 | .40 | | | | .68 | 1.10 | | | | | | | | | | | | .15 | | | | | | | | | | . |
| FREEHOLD | 3.50 | | | .04 | 1.92 | .10 | T | .10 | .52 | .13 | | | | | | | | | .38 | | | | | | | T | | | .31 | | | . |
| GLASSBORO | 4.95 | | | .93 | 2.65 | .35 | .01 | | .35 | .13 | | | | | | | | | .05 | | | | | | | | | | .48 | | | . |
| HAMMONTON 2 NNE | 4.19 | | | .12 | 3.11 | .12 | | .10 | .21 | .30 | | | | | | | | | | | | | | | | .14 | .02 | | | .07 | | . |
| HIGHTSTOWN 1 N | 5.15 | | T | 2.19 | 1.24 | | .06 | | .77 | T | | | | | | | | | .46 | | | | | | | .01 | | | .42 | | | . |
| INDIAN MILLS 2 W | 5.69 | | .37 | 3.58 | .55 | | | | .44 | .07 | | | | | | | | | .03 | | | | | | | T | | | .65 | | | . |
| MAYS LANDING 1 W | 3.54 | | | .27 | 2.01 | T | | | .43 | .78 | | | | | | | | | .04 | | | | | | | | | | .01 | | | . |
| MILLVILLE | - | | | .32 | .85 | T | | | .50 | .63 | | | | | | | | | | | | | | | | | | | - | | | . |
| MILLVILLE FAA AIRPORT | 2.40 | | .05 | .82 | .02 | | | | 1.45 | T | | | | | | | | | | | | .03 | | | | | | | .03 | | | . |
| MOORESTOWN | 3.96 | | * | 1.52 | 2.05 | .10 | | .17 | | | | | | | | | | | .04 | | | | | | | | | | .08 | | | . |
| NEW BRUNSWICK | 6.17 | | | .27 | 4.45 | .14 | .10 | T | .15 | .06 | | | | | | | | | .52 | | | | | | | T | | | .48 | | | . |
| PEMBERTON 3 E | 4.67 | | | 3.52 | .47 | | | | .18 | .15 | | | | | | | | | T | | | | | | | | | | .35 | | | . |
| PRINCETON WATER WORKS | 5.09 | | T | 2.74 | .93 | .06 | .09 | | .31 | T | | | | | | | | .40 | .21 | | | | | | | | | | .35 | | | . |
| SEABROOK FARMS | 3.59 | | | .60 | 1.00 | .53 | T | | .62 | .62 | | T | T | | | .01 | | | .02 | | | .09 | | T | T | .02 | | | .08 | | | . |
| SHILOH | 2.82 | | | 1.33 | .14 | .05 | | | .92 | .14 | | | | | | | | | .03 | | | .14 | | | | .02 | | | .05 | | | . |
| TOMS RIVER | 2.44 | | | .04 | .91 | .10 | | .52 | .05 | .55 | | | | | | | | | .02 | | | | | | | | .02 | | .20 | .03 | | . |
| TRENTON WB CITY R | 6.66 | | T | 3.23 | .59 | | .33 | 1.01 | .14 | T | | | | | | | | 1.11 | .14 | | | | | | | T | | | .11 | | | . |
| TUCKERTON | 1.93 | | T | .34 | .02 | T | .21 | T | .74 | .37 | | | | | | | | | .13 | | | | | | | | | | .12 | | | . |
| WOODSTOWN | 3.98 | | .07 | 2.62 | .49 | .09 | | .03 | .25 | .03 | | | | | | | | | .01 | | | .01 | | | | | | | .38 | | | . |
| • • •<br>COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 2.46 | | .07 | .06 | | | | .01 | 1.47 | .54 | | | | | | | | | .31 | | | | | | | | | | | | | . |
| CAPE MAY 1 NW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| LONG BRANCH 2S | 3.24 | | T | .68 | .80 | T | .29 | T | .49 | .07 | - | - | - | - | - | - | - | - | .36 | - | - | - | - | - | - | T | - | - | .55 | - | - | . |
| SANDY HOOK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | Standard of Time EASTERN | | | | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| | | | | | | | 01 | 07 | 13 | 19 | | | | | | | | | |
| ATLANTIC CITY WB AIRPORT | 26 | 1.9 | 8.9 | 21++ | 31 | 09 | 89 | 85 | 53 | 78 | 4 | 3 | 2 | 0 | 1 | 0 | 10 | 57 | 5.9 |
| ATLANTIC CITY ST. MARINA | - | - | - | 25 | SW | 17 | - | - | - | - | 0 | 3 | 1 | 1 | 1 | 0 | 6 | - | - |
| NEWARK WB AIRPORT | 28 | 2.2 | 9.0 | 28++ | 29 | 09 | 78 | 82 | 53 | 62 | 4 | 1 | 5 | 0 | 0 | 2 | 12 | - | 5.1 |
| TRENTON WB CITY | - | - | - | 38 | NW | 07 | - | - | - | - | 3 | 0 | 4 | 1 | 2 | 1 | 11 | 62 | 5.0 |

See reference notes following Station Index.

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 86 | 86 | 76 | 70 | 69 | 79 | 79 | 85 | 75 | 74 | 68 | 72 | 76 | 80 | 85 | 81 | 82 | 85 | 66 | 64 | 67 | 66 | 72 | 75 | 70 | 67 | 73 | 77 | 67 | 65 | | 74.6 |
| | MIN | 63 | 64 | 64 | 63 | 64 | 61 | 64 | 67 | 58 | 49 | 43 | 43 | 49 | 54 | 57 | 58 | 59 | 47 | 41 | 45 | 41 | 42 | 42 | 43 | 47 | 42 | 46 | 47 | 39 | 38 | | 51.3 |
| BOONTON 1 SE | MAX | 89 | 90 | 82 | 69 | 68 | 77 | 80 | 86 | 75 | 73 | 68 | 74 | 74 | 83 | 86 | 81 | 81 | 83 | 69 | 65 | 66 | 69 | 75 | 78 | 79 | 70 | 71 | 75 | 66 | 64 | | 75.5 |
| | MIN | 64 | 65 | 67 | 64 | 65 | 65 | 64 | 68 | 62 | 51 | 43 | 46 | 50 | 54 | 61 | 58 | 60 | 50 | 44 | 49 | 45 | 39 | 37 | 41 | 48 | 45 | 44 | 48 | 45 | 37 | | 52.6 |
| CANOE BROOK | MAX | 92 | 91 | 82 | 71 | 70 | 78 | 82 | 86 | 76 | 76 | 71 | 74 | 78 | 84 | 80 | 82 | 83 | 86 | 66 | 66 | 66 | 69 | 74 | 77 | 77 | 70 | 72 | 77 | 61 | 61 | | 75.9 |
| | MIN | 65 | 66 | 68 | 63 | 64 | 65 | 66 | 65 | 63 | 50 | 45 | 47 | 50 | 56 | 63 | 59 | 62 | 45 | 43 | 46 | 42 | 43 | 41 | 42 | 43 | 44 | 48 | 45 | 42 | 42 | | 52.8 |
| CHARLOTTEBURG | MAX | 87 | 89 | 80 | 67 | 66 | 74 | 81 | 85 | 74 | 72 | 66 | 72 | 74 | 81 | 84 | 80 | 80 | 83 | 65 | 64 | 65 | 69 | 74 | 71 | 77 | 66 | 70 | 74 | 68 | 61 | | 74.0 |
| | MIN | 61 | 58 | 64 | 62 | 64 | 63 | 64 | 65 | 60 | 52 | 41 | 41 | 45 | 55 | 58 | 58 | 59 | 48 | 42 | 42 | 41 | 39 | 39 | 41 | 44 | 45 | 44 | 43 | 43 | 38 | | 50.6 |
| CRANFORD | MAX | 91 | 88 | 76 | 69 | 78 | 82 | 89 | 86 | 75 | 73 | 74 | 77 | 84 | 85 | 83 | 84 | 88 | 85 | 64 | 68 | 70 | 74 | 78 | 78 | 73 | 72 | 78 | 70 | 66 | 70 | | 77.6 |
| | MIN | 67 | 68 | 65 | 64 | 68 | 69 | 68 | 70 | 63 | 54 | 43 | 48 | 56 | 58 | 64 | 61 | 61 | 52 | 46 | 52 | 47 | 43 | 44 | 43 | 63 | 48 | 47 | 53 | 47 | 40 | | 55.7 |
| ELIZABETH | MAX | 91 | 86 | 77 | 69 | 77 | 80 | 85 | 81 | 76 | 73 | 76 | 78 | 84 | 87 | 84 | 84 | 86 | 83 | 67 | 68 | 70 | 76 | 78 | 76 | 73 | 75 | 78 | 72 | 67 | 72 | | 77.6 |
| | MIN | 69 | 68 | 65 | 65 | 68 | 70 | 58 | 70 | 64 | 53 | 48 | 51 | 51 | 50 | 65 | 62 | 64 | 52 | 49 | 55 | 49 | 46 | 48 | 47 | 61 | 49 | 49 | 55 | 47 | 44 | | 56.4 |
| ESSEX FELLS SERV BLDG | MAX | 90 | 89 | 81 | 69 | 70 | 77 | 81 | 87 | 75 | 74 | 67 | 74 | 77 | 83 | 87 | 83 | 84 | 85 | 66 | 65 | 66 | 68 | 73 | 76 | 79 | 67 | 72 | 77 | 68 | 65 | | 75.8 |
| | MIN | 62 | 67 | 66 | 63 | 65 | 67 | 67 | 70 | 62 | 50 | 40 | 48 | 51 | 52 | 61 | 60 | 64 | 50 | 42 | 47 | 41 | 42 | 40 | 43 | 59 | 43 | 45 | 48 | 42 | 38 | | 53.2 |
| FLEMINGTON 1 NE | MAX | 90 | 90 | 83 | 69 | 71 | 80 | 83 | 88 | 76 | 75 | 70 | 73 | 76 | 81 | 86 | 83 | 84 | 86 | 67 | 66 | 66 | 68 | 73 | 76 | 75 | 72 | 71 | 77 | 68 | 63 | | 76.2 |
| | MIN | 64 | 65 | 68 | 65 | 65 | 68 | 65 | 68 | 63 | 51 | 41 | 43 | 47 | 54 | 60 | 55 | 58 | 52 | 43 | 47 | 43 | 37 | 39 | 39 | 42 | 42 | 43 | 48 | 43 | 35 | | 51.8 |
| HIGH POINT PARK | MAX | 86 | 86 | 74 | | 64 | 69 | 78 | 83 | 72 | 67 | 64 | 70 | 75 | 81 | 80 | 79 | 79 | 81 | 61 | 63 | 59 | 64 | 67 | 71 | 74 | 63 | 68 | 75 | 67 | 62 | | 71.8 |
| | MIN | 66 | 67 | 60 | | 59 | 61 | 64 | 63 | 55 | 47 | 43 | 48 | 50 | 57 | 59 | 59 | 61 | 45 | 41 | 41 | 43 | 44 | 46 | 50 | 53 | 40 | 47 | 46 | 42 | 41 | | 51.7 |
| JERSEY CITY | MAX | 92 | 85 | 73 | 69 | 75 | 80 | 88 | 78 | 75 | 70 | 74 | 77 | 85 | 85 | 82 | 83 | 86 | 68 | 65 | 65 | 68 | 72 | 75 | 79 | 70 | 72 | 74 | 68 | 65 | 69 | | 75.6 |
| | MIN | 74 | 72 | 65 | 67 | 68 | 68 | 72 | 71 | 63 | 59 | 51 | 58 | 59 | 64 | 68 | 67 | 66 | 54 | 53 | 55 | 52 | 48 | 50 | 54 | 61 | 53 | 55 | 57 | 52 | 50 | | 60.2 |
| LAMBERTVILLE | MAX | 91 | 87 | 77 | 73 | 84 | 86 | 88 | 86 | 80 | 77 | 75 | 78 | 82 | 89 | 85 | 85 | 89 | 84 | 67 | 70 | 74 | 76 | 80 | 77 | 72 | 75 | 79 | 72 | 66 | 70 | | 79.1 |
| | MIN | 65 | 67 | 67 | 66 | 69 | 70 | 68 | 68 | 65 | 51 | 46 | 49 | 50 | 56 | 64 | 60 | 63 | 52 | 45 | 49 | 45 | 41 | 44 | 45 | 60 | 45 | 49 | 54 | 44 | 41 | | 55.3 |
| LAYTON 2 | MAX | 88 | 87 | 73 | 67 | 68 | 75 | 81 | 85 | 75 | 71 | 66 | 71 | 75 | 81 | 84 | | | | | | | | | | | | | | | | | |
| | MIN | 62 | 64 | 64 | 64 | 64 | 66 | 65 | 67 | 58 | 47 | 41 | 42 | 45 | 50 | 57 | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | MAX | 91 | 92 | 84 | 71 | 70 | 79 | 83 | 89 | 77 | 75 | 68 | 74 | 78 | 83 | 86 | 83 | 83 | 87 | 70 | 66 | 65 | 68 | 73 | 76 | 78 | 68 | 73 | 77 | 69 | 65 | | 76.7 |
| | MIN | 68 | 68 | 68 | 64 | 65 | 67 | 67 | 69 | 62 | 54 | 45 | 49 | 55 | 59 | 63 | 62 | 67 | 52 | 45 | 51 | 45 | 43 | 45 | 45 | 51 | 48 | 48 | 54 | 46 | 42 | | 55.6 |
| LONG VALLEY | MAX | 85 | 85 | 78 | 67 | 67 | 75 | 80 | 83 | 73 | 71 | 66 | 70 | 73 | 80 | 82 | 79 | 78 | 82 | 64 | 62 | 65 | 67 | 72 | 74 | 73 | 66 | 70 | 73 | 65 | 61 | | 72.9 |
| | MIN | 60 | 60 | 64 | 60 | 64 | 65 | 62 | 67 | 59 | 49 | 39 | 40 | 43 | 40 | 62 | 52 | 55 | 46 | 42 | 45 | 40 | 35 | 36 | 34 | 40 | 44 | 41 | 50 | 40 | 35 | | 49.0 |
| MORRIS PLAINS 1 W | MAX | 89 | 90 | 82 | 69 | 68 | 75 | 80 | 87 | 75 | 76 | 68 | 73 | 76 | 83 | 85 | 82 | 83 | 85 | 66 | 64 | 67 | 67 | 73 | 76 | 79 | 69 | 71 | 76 | 67 | 64 | | 75.5 |
| | MIN | 62 | 65 | 66 | 63 | 64 | 66 | 65 | 66 | 63 | 50 | 41 | 47 | 50 | 60 | 61 | 59 | 60 | 50 | 46 | 46 | 44 | 39 | 39 | 39 | 42 | 46 | 45 | 45 | 41 | 38 | | 52.3 |
| NEWARK WB AIRPORT | MAX | 91 | 85 | 73 | 70 | 77 | 81 | 88 | 77 | 76 | 71 | 74 | 77 | 83 | 83 | 83 | 85 | 88 | 67 | 65 | 66 | 68 | 72 | 75 | 76 | 70 | 71 | 77 | 68 | 65 | 70 | | 75.7 |
| | MIN | 73 | 72 | 65 | 66 | 69 | 71 | 71 | 68 | 61 | 56 | 51 | 55 | 58 | 65 | 67 | 65 | 62 | 53 | 50 | 56 | 50 | 50 | 52 | 52 | 60 | 52 | 55 | 55 | 50 | 49 | | 59.3 |
| NEWTON | MAX | 90 | 89 | 80 | 68 | 69 | 72 | 82 | 87 | 78 | 73 | 68 | 73 | 77 | 82 | 86 | 82 | 82 | 85 | 67 | 62 | 65 | 67 | 71 | 77 | 78 | 67 | 72 | 74 | 77 | 63 | | 75.4 |
| | MIN | 61 | 62 | 64 | 63 | 63 | 65 | 65 | 64 | 59 | 47 | 37 | 43 | 47 | 50 | 51 | 57 | 60 | 49 | 37 | 43 | 35 | 34 | 36 | 40 | 46 | 38 | 38 | 40 | 40 | 33 | | 48.9 |
| PATERSON | MAX | 94 | 93 | 85 | 71 | 72 | 80 | 83 | 90 | 79 | 75 | 70 | 76 | 80 | 85 | 87 | 86 | 87 | 87 | 67 | 66 | 67 | 68 | 72 | 76 | 81 | 70 | 73 | 79 | 70 | 67 | | 77.9 |
| | MIN | 72 | 72 | 67 | 65 | 66 | 70 | 69 | 71 | 63 | 59 | 49 | 52 | 58 | 62 | 65 | 64 | 65 | 52 | 47 | 52 | 47 | 46 | 50 | 52 | 55 | 51 | 50 | 54 | 49 | 45 | | 58.0 |
| PHILLIPSBURG | MAX | 91 | 91 | 78 | 71 | 82 | 83 | 90 | 88 | 76 | 75 | 76 | 77 | 84 | 87 | 87 | 85 | 87 | 87 | 69 | 67 | 72 | 75 | 76 | 79 | 75 | 73 | 79 | 77 | 68 | 70 | | 79.2 |
| | MIN | 63 | 66 | 67 | 65 | 67 | 69 | 65 | 67 | 60 | 52 | 43 | 47 | 48 | 54 | 62 | 57 | 60 | 52 | 44 | 48 | 42 | 42 | 43 | 45 | 59 | 43 | 47 | 53 | 44 | 38 | | 53.7 |
| PLAINFIELD | MAX | 92 | 84 | 70 | 70 | 79 | 83 | 89 | 75 | 77 | 73 | 77 | 79 | 84 | 86 | 84 | 85 | 88 | 70 | 66 | 68 | 71 | 75 | 78 | 78 | 70 | 74 | 78 | 71 | 67 | 71 | | 77.1 |
| | MIN | 67 | 66 | 68 | 65 | 68 | 69 | 68 | 69 | 64 | 51 | 44 | 48 | 51 | 58 | 64 | 60 | 62 | 52 | 47 | 52 | 46 | 42 | 42 | 43 | 61 | 47 | 47 | 55 | 44 | 40 | | 55.3 |
| SOMERVILLE | MAX | 91 | 86 | 75 | 70 | 81 | 84 | 89 | 83 | 77 | 72 | 76 | 78 | 83 | 87 | 84 | 85 | 88 | 78 | 68 | 69 | 71 | 75 | 79 | 82 | 74 | 75 | 79 | 70 | 66 | 72 | | 78.2 |
| | MIN | 65 | 66 | 65 | 65 | 69 | 69 | 67 | 68 | 63 | 51 | 43 | 48 | 51 | 59 | 65 | 58 | 61 | 52 | 48 | 50 | 46 | 42 | 42 | 43 | 46 | 44 | 45 | 53 | 42 | 39 | | 54.2 |
| SUSSEX 1 SE | MAX | 87 | 89 | 79 | 68 | 68 | 78 | 81 | 85 | 76 | 73 | 63 | 72 | 75 | 81 | 85 | 80 | 81 | 83 | 63 | 62 | 65 | 61 | 68 | 75 | 78 | 63 | 71 | 75 | 65 | 63 | | 73.8 |
| | MIN | 54 | 60 | 60 | 60 | 61 | 61 | 61 | 61 | 57 | 44 | 36 | 38 | 42 | 46 | 49 | 54 | 54 | 46 | 36 | 37 | 35 | 34 | 35 | 37 | 41 | 37 | 37 | 39 | 38 | 31 | | 46.0 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 93 | 87 | 78 | 79 | 81 | 88 | 90 | 79 | 77 | 70 | 73 | 76 | 79 | 85 | 82 | 87 | 91 | 73 | 66 | 64 | 67 | 71 | 73 | 78 | 74 | 75 | 77 | 71 | 69 | 71 | | 77.5 |
| | MIN | 66 | 68 | 71 | 68 | 69 | 65 | 69 | 67 | 53 | 45 | 42 | 47 | 54 | 55 | 60 | 61 | 65 | 45 | 41 | 56 | 46 | 41 | 40 | 40 | 60 | 48 | 45 | 46 | 36 | 32 | | 53.4 |
| AUDUBON | MAX | 93 | 87 | 73 | 76 | 86 | 87 | 89 | 77 | 78 | 73 | 76 | 78 | 83 | 90 | 84 | 87 | 90 | 75 | 71 | 68 | 72 | 75 | 80 | 79 | 72 | 76 | 81 | 72 | 72 | 69 | | 79.0 |
| | MIN | 68 | 70 | 67 | 68 | 70 | 70 | 71 | 68 | 63 | 53 | 48 | 51 | 54 | 59 | 63 | 61 | 64 | 53 | 49 | 53 | 50 | 45 | 44 | 47 | 63 | 49 | 51 | 56 | 42 | 49 | | 57.3 |
| BELLEPLAIN ST FOREST | MAX | 89 | 90 | 85 | 81 | 84 | 87 | 89 | 85 | 78 | 76 | 76 | 78 | 80 | 88 | 85 | 83 | 88 | 84 | 67 | 66 | 69 | 73 | 78 | 78 | 75 | 77 | 78 | 74 | 70 | 71 | | 79.4 |
| | MIN | 64 | 66 | 69 | 68 | 65 | 65 | 67 | 66 | 65 | 49 | 41 | 45 | 50 | 54 | 58 | 60 | 68 | 58 | 46 | 53 | 55 | 48 | 40 | 42 | 63 | 51 | 48 | 57 | 46 | 35 | | 55.4 |
| BURLINGTON | MAX | | | | | | | | | | | 78 | 79 | 82 | 89 | 89 | 88 | 91 | 88 | | | | | | | | | 82 | 78 | 71 | 72 | | |
| | MIN | 69 | 71 | 67 | 62 | 68 | 69 | 67 | 64 | 64 | 57 | 47 | 53 | 49 | 55 | 56 | 61 | 66 | 55 | 54 | 52 | 56 | 45 | 49 | 48 | 62 | 45 | 45 | 55 | 49 | 48 | | 56.9 |
| CHATSWORTH | MAX | 92 | 90 | 86 | 76 | 81 | 85 | 88 | 87 | 78 | 73 | 76 | 78 | | 87 | 83 | 82 | 88 | 84 | 67 | 66 | 68 | 73 | 78 | 80 | 72 | 75 | 80 | 76 | 68 | 72 | | 78.9 |
| | MIN | 61 | 65 | 67 | 67 | 67 | 66 | 66 | 68 | 64 | 50 | 41 | 44 | 50 | 52 | 64 | 55 | 64 | 55 | 46 | 53 | 55 | 45 | 40 | 38 | 61 | 47 | 45 | 54 | 43 | 35 | | 54.3 |
| FREEHOLD | MAX | 88 | 90 | 84 | 72 | 73 | 79 | 82 | 86 | 73 | 73 | 71 | 73 | 76 | 81 | 84 | 82 | 84 | 86 | 65 | 65 | 64 | 66 | 70 | 74 | 79 | 70 | 73 | 78 | 68 | 65 | | 75.8 |
| | MIN | 64 | 67 | 69 | 65 | 65 | 65 | 68 | 66 | 63 | 50 | 45 | 48 | 53 | 58 | 65 | 59 | 64 | 53 | 48 | 50 | 49 | 43 | 43 | 42 | 51 | 49 | 47 | 54 | 44 | 39 | | 54.9 |
| GLASSBORO | MAX | 90 | 93 | 92 | 72 | 76 | 86 | 80 | 88 | 76 | 78 | 72 | 74 | 76 | 81 | 89 | 82 | 85 | 88 | 69 | 68 | 65 | 70 | 73 | 78 | 78 | 72 | 78 | 77 | 79 | 69 | | 78.5 |
| | MIN | 63 | 70 | 62 | 60 | 64 | 66 | 68 | 63 | 62 | 50 | 52 | 48 | 56 | 57 | 63 | 60 | 66 | 56 | 47 | 48 | 55 | 45 | 41 | 45 | 44 | 50 | 50 | 54 | 48 | 41 | | 55.1 |
| HAMMONTON 2 NNE | MAX | 92 | 94 | 92 | 78 | 78 | 85 | 89 | 90 | 78 | 80 | 76 | 78 | 80 | 84 | 89 | 84 | 86 | 89 | 68 | 67 | 67 | 69 | 75 | 80 | 81 | 76 | 78 | 78 | 81 | 71 | | 80.4 |
| | MIN | 67 | 68 | 70 | 63 | 68 | 63 | 69 | 67 | 65 | 53 | 47 | 52 | 55 | 59 | 63 | 61 | 66 | 55 | 45 | 50 | 53 | 44 | 43 | 43 | 50 | 49 | 50 | 50 | 47 | 41 | | 55.9 |
| HIGHTSTOWN 1 N | MAX | 90 | 85 | 72 | 71 | 80 | 82 | 88 | 79 | 75 | 72 | 75 | 77 | 81 | 85 | 83 | 85 | 87 | 78 | 66 | 65 | 67 | 72 | 75 | 79 | 69 | 71 | 78 | 68 | 65 | 70 | | 76.3 |
| | MIN | 65 | 67 | 65 | 66 | 67 | 67 | 68 | 67 | 63 | 52 | 45 | 49 | 52 | 56 | 65 | 61 | 65 | 52 | 47 | 49 | 46 | 41 | 40 | 41 | 60 | 46 | 47 | 54 | 43 | 39 | | 54.8 |
| INDIAN MILLS 2 W | MAX | 92 | 89 | 73 | 75 | 83 | 86 | 88 | 78 | 76 | 71 | 75 | 77 | 81 | 89 | 83 | 85 | 89 | 78 | 69 | 67 | 71 | 75 | 79 | 79 | 70 | 73 | 80 | 70 | 65 | 71 | | 77.9 |
| | MIN | 64 | 65 | 67 | 68 | 69 | 67 | 66 | 66 | 63 | 50 | 41 | 44 | 50 | 53 | 64 | 56 | 65 | 54 | 45 | 50 | 55 | 41 | 36 | 38 | 60 | 44 | 44 | 55 | 43 | 35 | | 53.9 |
| MILLVILLE | MAX | 90 | 90 | 92 | 78 | 82 | 85 | 88 | 89 | 77 | 77 | 72 | 77 | 78 | 80 | 90 | 83 | 86 | 89 | 69 | 70 | 66 | 73 | | | | | | | | | | 81.0 |
| | MIN | 67 | 67 | 70 | 68 | 67 | 68 | 70 | 67 | 65 | 55 | 46 | 49 | 55 | 57 | 62 | 60 | 66 | 57 | 49 | 54 | 56 | 46 | | | | | | | | | | 60.0 |
| MILLVILLE FAA AIRPORT | MAX | 89 | 89 | 78 | 83 | 82 | 86 | 88 | 76 | 76 | 72 | 73 | 78 | 79 | 87 | 80 | 83 | 88 | 73 | 68 | 64 | 69 | 74 | 79 | 78 | 73 | 75 | 78 | 69 | 69 | 69 | | 77.5 |
| | MIN | 69 | 69 | 71 | 71 | 68 | 68 | 70 | 68 | 61 | 51 | 47 | 50 | 56 | 59 | 62 | 61 | 69 | 55 | 51 | 57 | 54 | 47 | 43 | 47 | 63 | 56 | 51 | 54 | 45 | 40 | | 57.8 |
| MOORESTOWN | MAX | 90 | 86 | 69 | 75 | 85 | 83 | 88 | 76 | 77 | 72 | 73 | 77 | 82 | 87 | 82 | 87 | 79 | 67 | 68 | 69 | 68 | 73 | 76 | 76 | 70 | 75 | 75 | 71 | 66 | 69 | | 76.4 |
| | MIN | 70 | 64 | 66 | 66 | 69 | 69 | 71 | 69 | 65 | 53 | 45 | 50 | 54 | 59 | 60 | 62 | 67 | 54 | 47 | 44 | 56 | 46 | 40 | 43 | 63 | 48 | 56 | 54 | 46 | 39 | | 56.5 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK | MAX | 89 | 89 | 83 | 70 | 72 | 78 | 83 | 87 | 74 | 75 | 70 | 73 | 76 | 81 | 83 | 82 | 84 | 87 | 66 | 65 | 65 | 67 | 72 | 75 | 77 | 70 | 71 | 77 | 69 | 64 | | 75.8 |
| | MIN | 68 | 70 | 68 | 64 | 64 | 68 | 69 | 64 | 64 | 53 | 46 | 52 | 52 | 58 | 65 | 61 | 62 | 52 | 46 | 53 | 47 | 41 | 44 | 45 | 51 | 47 | 48 | 54 | 45 | 42 | | 55.4 |
| PEMBERTON 3 E | MAX | 92 | 88 | 82 | 74 | 80 | 85 | 89 | 75 | 77 | 74 | 76 | 78 | 85 | 88 | 84 | 86 | 89 | 84 | 68 | 68 | 69 | 73 | 77 | 79 | 75 | 75 | 85 | 74 | 69 | 72 | | 79.0 |
| | MIN | 62 | 68 | 67 | 65 | 68 | 66 | 67 | 66 | 65 | 49 | 41 | 45 | 48 | 54 | 64 | 58 | 63 | 53 | 49 | 51 | 54 | 43 | 39 | 38 | 61 | 47 | 45 | 54 | 43 | 35 | | 54.3 |
| SEABROOK FARMS | MAX | 88 | 89 | 90 | 75 | 78 | 83 | 87 | 88 | 73 | 75 | 72 | 74 | 76 | 80 | 86 | 81 | 84 | 87 | 69 | 68 | 65 | 70 | 72 | 77 | 77 | 73 | 69 | 78 | 72 | 67 | | 77.4 |
| | MIN | 67 | 69 | 70 | 69 | 68 | 69 | 69 | 67 | 65 | 55 | 48 | 50 | 54 | 57 | 63 | 60 | 67 | 58 | 49 | 53 | 54 | 48 | 44 | 46 | 54 | 50 | 50 | 55 | 40 | 41 | | 57.0 |
| SHILOH | MAX | 88 | 90 | 80 | 80 | 82 | 85 | 88 | 88 | 75 | 75 | 75 | 77 | 80 | 86 | 80 | 83 | 86 | 84 | 68 | 67 | 70 | 73 | 78 | 77 | 75 | 75 | 78 | 78 | 67 | 70 | | 78.6 |
| | MIN | 67 | 58 | 69 | 69 | 68 | 68 | 69 | 66 | 62 | 54 | 50 | 50 | 55 | 59 | 62 | 62 | 67 | 55 | 48 | 54 | 55 | 47 | 47 | 45 | 53 | 50 | 55 | 52 | 47 | 43 | | 57.2 |
| TOMS RIVER | MAX | | 91 | 91 | 77 | 75 | 78 | 85 | 88 | 77 | 76 | 72 | 75 | 78 | 82 | 83 | 84 | 86 | 88 | 68 | 67 | 67 | 66 | 70 | 74 | 80 | 73 | 74 | 85 | 71 | 67 | | 77.5 |
| | MIN | | 65 | 70 | 68 | 68 | 65 | 67 | 67 | 64 | 52 | 43 | 46 | 51 | 53 | 57 | 58 | 62 | 55 | 50 | 54 | 58 | 46 | 41 | 39 | 40 | 48 | 46 | 55 | 43 | 38 | | 54.1 |
| TRENTON WB CITY | MAX | 91 | 85 | 73 | 72 | 80 | 82 | 88 | 75 | 75 | 70 | 73 | 77 | 81 | 86 | 83 | 84 | 88 | 66 | 64 | 63 | 66 | 71 | 76 | 78 | 70 | 72 | 77 | 68 | 64 | 69 | | 75.6 |
| | MIN | 70 | 71 | 66 | 67 | 69 | 71 | 67 | 67 | 62 | 56 | 51 | 57 | 58 | 65 | 66 | 64 | 65 | 53 | 51 | 55 | 51 | 49 | 51 | 52 | 60 | 52 | 55 | 56 | 50 | 46 | | 59.1 |
| TUCKERTON | MAX | 92 | 86 | 78 | 79 | 80 | 85 | 88 | 79 | 77 | 73 | 73 | 78 | 80 | 84 | 82 | 82 | 85 | 75 | 66 | 64 | 66 | 69 | 74 | 79 | 73 | 76 | 77 | 73 | 69 | 70 | | 77.1 |
| | MIN | 68 | 68 | 70 | 71 | 70 | 67 | 69 | 69 | 64 | 53 | 44 | 51 | 56 | 59 | 60 | 63 | 67 | 55 | 48 | 56 | 58 | 45 | 44 | 45 | 63 | 51 | 49 | 56 | 45 | 39 | | 57.4 |
| WOODSTOWN | MAX | 91 | 89 | 75 | 77 | 82 | 86 | 88 | 87 | 78 | 76 | 75 | 79 | 83 | 87 | 84 | 86 | 89 | 83 | 69 | 63 | 71 | 73 | 77 | 77 | 74 | 76 | 80 | 74 | 68 | 71 | | 78.9 |
| | MIN | 65 | 66 | 61 | 68 | 68 | 68 | 68 | 61 | 63 | 51 | 46 | 48 | 52 | 56 | 60 | 58 | 62 | 56 | 48 | 51 | 52 | 44 | 41 | 43 | 63 | 50 | 49 | 54 | 45 | 40 | | 55.2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL | 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 86 | 81 | 78 | 80 | 80 | 82 | 87 | 78 | 77 | 73 | 72 | 75 | 79 | 84 | 78 | 77 | 78 | 74 | 67 | 66 | 66 | 68 | 72 | 73 | 75 | 71 | 73 | 72 | 68 | 68 | | 75.3 |
| | MIN | 72 | 73 | 75 | 75 | 75 | 75 | 75 | 72 | 63 | 58 | 56 | 59 | 61 | 65 | 67 | 69 | 72 | 58 | 57 | 62 | 58 | 54 | 52 | 54 | 64 | 58 | 58 | 58 | 53 | 51 | | 63.3 |
| CAPE MAY 1 NW | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2S | MAX | 89 | 86 | 74 | 74 | 77 | 82 | 85 | 81 | 74 | 71 | 74 | 78 | 80 | 82 | 83 | 83 | 87 | 80 | 65 | 64 | 66 | 70 | 72 | 79 | 72 | 71 | 71 | 68 | 64 | 69 | | 75.7 |
| | MIN | 69 | 70 | 71 | 67 | 69 | 71 | 70 | 67 | 64 | 54 | 48 | 53 | 56 | 61 | 67 | 63 | 67 | 53 | 55 | 59 | 57 | 50 | 49 | 48 | 62 | 52 | 51 | 55 | 47 | 45 | | 59.0 |
| SANDY HOOK | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 88 | 82 | 75 | 74 | 78 | 82 | 85 | - | - | 74 | 75 | 76 | 77 | 80 | 80 | 79 | 80 | 72 | 71 | 73 | 74 | 74 | 76 | 73 | 71 | 73 | 75 | 71 | 68 | 71 | | 76.0 |
| | | MIN | 74 | 75 | 72 | 70 | 72 | 73 | 75 | - | - | 65 | 62 | 64 | 65 | 67 | 71 | 70 | 71 | 64 | 62 | 63 | 60 | 58 | 58 | 59 | 65 | 63 | 60 | 63 | 60 | 57 | | 65.6 |
| | 2 | MAX | 84 | 81 | 76 | 74 | 76 | 80 | 83 | - | - | 74 | 74 | 74 | 75 | 78 | 78 | 78 | 89 | 72 | 71 | 72 | 72 | 72 | 73 | 70 | 71 | 72 | 72 | 71 | 68 | 69 | | 75.0 |
| | | MIN | 75 | 76 | 73 | 71 | 72 | 74 | 75 | - | - | 67 | 64 | 65 | 66 | 68 | 72 | 70 | 71 | 66 | 64 | 65 | 62 | 60 | 60 | 61 | 67 | 63 | 62 | 64 | 62 | 59 | | 66.9 |
| | 4 | MAX | 92 | 80 | 77 | 74 | 77 | 78 | 82 | - | 75 | 74 | 73 | 74 | 76 | 77 | 77 | 77 | 78 | 77 | 69 | 70 | 71 | 70 | 69 | 71 | 70 | 70 | 70 | 70 | 68 | 68 | | 74.3 |
| | | MIN | 76 | 77 | 73 | 71 | 74 | 75 | 76 | - | - | 68 | 66 | 68 | 71 | 72 | 72 | 71 | 72 | 68 | 66 | 63 | 62 | 62 | 62 | 66 | 67 | 63 | 64 | 63 | 60 | 60 | | 68.1 |
| | 8 | MAX | 79 | 78 | 77 | 73 | 78 | 77 | 79 | - | 76 | 73 | 73 | 73 | 74 | 78 | 74 | 75 | 77 | 72 | 70 | 70 | 69 | 69 | 69 | 70 | 69 | 69 | 68 | 69 | 67 | 66 | | 72.8 |
| | | MIN | 77 | 76 | 73 | 72 | 74 | 75 | 76 | - | - | 71 | 69 | 70 | 72 | 72 | 72 | 72 | 72 | 70 | 67 | 66 | 66 | 65 | 65 | 66 | 67 | 66 | 66 | 66 | 64 | 64 | | 69.7 |
| | 20 | MAX | 76 | 76 | 75 | 75 | 74 | 74 | 75 | - | - | 73 | 72 | 72 | 72 | 72 | 73 | 73 | 73 | 72 | 72 | 71 | 70 | 69 | 69 | 69 | 69 | 69 | 68 | 68 | 68 | 67 | | 71.6 |
| | | MIN | 74 | 74 | 74 | 74 | 73 | 73 | 74 | - | - | 72 | 71 | 70 | 70 | 70 | 72 | 72 | 72 | 72 | 70 | 70 | 69 | 68 | 65 | 67 | 68 | 68 | 67 | 67 | 67 | 66 | | 70.3 |
| | 40 | MAX | 73 | 73 | 74 | 74 | 73 | 73 | 73 | - | - | 73 | 72 | 72 | 72 | 71 | 71 | 71 | 72 | 72 | 72 | 71 | 70 | 69 | 69 | 69 | 69 | 69 | 68 | 68 | 68 | 68 | | 71.0 |
| | | MIN | 71 | 71 | 73 | 73 | 72 | 72 | 73 | - | - | 72 | 71 | 70 | 70 | 70 | 71 | 71 | 71 | 71 | 70 | 70 | 69 | 69 | 66 | 68 | 68 | 68 | 68 | 67 | 67 | 67 | | 70.0 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 94 | 84 | 74 | 75 | 83 | 85 | 90 | - | - | 77 | 80 | 80 | 84 | 86 | 87 | 86 | 90 | 77 | 71 | 74 | 78 | 79 | 81 | 80 | 73 | 80 | 80 | 74 | 71 | 71 | | 80.1 |
| | | MIN | 73 | 74 | 73 | 72 | 72 | 72 | 73 | - | - | 59 | 55 | 59 | 59 | 64 | 70 | 67 | 69 | 58 | 55 | 59 | 53 | 52 | 53 | 54 | 63 | 57 | 57 | 59 | 53 | 51 | | 62.0 |
| | 2 | MAX | 94 | 84 | 75 | 75 | 82 | 85 | 89 | - | - | 77 | 79 | 80 | 83 | 86 | 86 | 86 | 89 | 77 | 71 | 74 | 77 | 78 | 80 | 78 | 73 | 79 | 80 | 74 | 71 | 71 | | 79.8 |
| | | MIN | 74 | 75 | 73 | 72 | 72 | 73 | 74 | - | - | 60 | 56 | 59 | 59 | 64 | 70 | 67 | 69 | 59 | 56 | 59 | 53 | 53 | 54 | 55 | 63 | 57 | 57 | 59 | 54 | 51 | | 62.4 |
| | 4 | MAX | 87 | 82 | 76 | 75 | 79 | 80 | 84 | - | - | 74 | 75 | 75 | 77 | 81 | 82 | 80 | 83 | 75 | 70 | 70 | 73 | 73 | 74 | 73 | 71 | 74 | 74 | 71 | 68 | 67 | | 75.8 |
| | | MIN | 76 | 76 | 74 | 72 | 73 | 73 | 74 | - | - | 64 | 61 | 62 | 63 | 67 | 71 | 69 | 71 | 64 | 61 | 53 | 58 | 58 | 58 | 59 | 65 | 60 | 60 | 53 | 58 | 55 | | 64.6 |
| | 8 | MAX | 82 | 79 | 77 | 75 | 76 | 76 | 80 | - | - | 72 | 71 | 72 | 72 | 76 | 76 | 76 | 78 | 73 | 69 | 69 | 69 | 69 | 69 | 70 | 69 | 70 | 70 | 68 | 66 | 65 | | 72.6 |
| | | MIN | 77 | 77 | 75 | 73 | 73 | 73 | 76 | - | - | 68 | 66 | 66 | 66 | 69 | 72 | 71 | 71 | 69 | 66 | 56 | 62 | 63 | 64 | 64 | 67 | 64 | 64 | 66 | 63 | 60 | | 67.9 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.
SUB-STA 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# EVAPORATION AND WIND

| Station | | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * *<br>NORTHERN | 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | | EVAP | .42 | .17 | .10 | .03 | - | .10 | .14 | .19 | .06 | .06 | .23 | .10 | .14 | .12 | .17 | .19 | .05 | .31 | .08 | .09 | .24 | .14 | .10 | .03 | .08 | .19 | .08 | .15 | .16 | .09 | | 4.158 |
| | | WIND | 10 | 17 | 9 | 22 | 7 | 34 | 3 | 3 | 37 | 21 | 18 | 11 | 18 | 8 | 16 | 38 | 28 | 68 | 49 | 19 | 36 | 28 | 15 | 10 | 15 | 15 | 25 | 14 | 16 | 22 | | 632 |
| | | MAX | 94 | 93 | 81 | 82 | 80 | 81 | 81 | 90 | 78 | 79 | 76 | 77 | 80 | 84 | 86 | 86 | 82 | 86 | 73 | 72 | 70 | 74 | 77 | 81 | 75 | 70 | 76 | 72 | 74 | 70 | | 79.3 |
| | | MIN | 64 | 70 | 70 | 66 | 66 | 68 | 70 | 71 | 67 | 61 | 55 | 55 | 57 | 59 | 65 | 65 | 65 | 52 | 51 | 51 | 49 | 51 | 52 | 54 | 55 | 54 | 55 | 43 | 52 | 50 | | 58.8 |
| * * *<br>SOUTHERN | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | | EVAP | .20 | .19 | - | - | - | - | - | - | - | - | .21 | .15 | .26 | .13 | .08 | .30 | .19 | - | .16 | .12 | .24 | .08 | .14 | .14 | .02 | .20 | .16 | - | .13 | .13 | | - |
| | | WIND | 44 | 39 | 32 | 28 | 23 | 49 | 36 | 50 | 31 | 73 | 40 | 29 | 71 | 30 | 34 | 60 | 67 | 75 | 41 | 36 | 63 | 22 | 17 | 21 | 47 | 33 | 31 | 56 | 44 | 39 | | 1263 |
| | | MAX | 91 | 90 | 81 | 70 | 71 | 81 | 83 | 89 | 76 | 78 | 76 | 77 | 79 | 82 | 87 | 85 | 82 | 86 | 73 | 68 | 71 | 73 | 75 | 77 | 75 | 70 | 76 | 77 | 77 | 72 | | 78.3 |
| | | MIN | 70 | 71 | 70 | 66 | 66 | 69 | 76 | 71 | 64 | 56 | 54 | 54 | 55 | 64 | 65 | 64 | 64 | 52 | 51 | 52 | 50 | 49 | 48 | 50 | 52 | 53 | 53 | 56 | 49 | 47 | | 58.7 |
| PEMBERTON 3 E | | EVAP | .14 | .07 | - | .02 | .06 | .08 | .12 | .04 | .12 | .14 | .08 | .12 | .09 | .14 | .08 | .14 | .12 | .11 | .15 | .13 | .15 | .14 | .10 | .05 | .05 | .07 | .12 | .12 | .11 | .07 | | 3.038 |
| | | WIND | 7 | 5 | 15 | 24 | 32 | 17 | 9 | 4 | 24 | 16 | 8 | 7 | 8 | 8 | 18 | 12 | 19 | 40 | 33 | 53 | 50 | 18 | 12 | 8 | 7 | 13 | 6 | 18 | 18 | 11 | | 520 |
| SEABROOK FARMS | | EVAP | .26 | .23 | .16 | .09 | .18 | .12 | .05 | .35 | .06 | .25 | .17 | .16 | .13 | .17 | .19 | .17 | .20 | .27 | .20 | .13 | .16 | .20 | .17 | .15 | .12 | .13 | .13 | .17 | .18 | .14 | | 5.09 |
| | | MAX | 93 | 93 | 92 | 75 | 79 | 85 | 90 | 93 | 75 | 80 | 78 | 81 | 81 | 81 | 88 | 85 | 86 | 90 | 73 | 71 | 64 | 76 | 78 | 80 | 75 | 75 | 76 | 80 | 77 | 74 | | 80.8 |
| | | MIN | 69 | 69 | 71 | 70 | 68 | 71 | 71 | 70 | 65 | 57 | 54 | 55 | 58 | 62 | 62 | 65 | 65 | 61 | 50 | 50 | 52 | 50 | 50 | 50 | 53 | 55 | 54 | 56 | 51 | 48 | | 59.4 |

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 02 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 10 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0693 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | [illegible] | 6P | 6P | | | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1363 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 02 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F OROPPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | HAROLD DUFLOCQ |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 2 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 390 | 7A | 7A | | | CHARLES ADUNS |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2S | 4987 | 02 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 9A | 9A | | H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, II |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 01 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 [illegible] | 100 | 8A | 8A | | H | P. J. DE VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP L. MARO |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6977 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 | | 7A | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS. VIVIAN [illegible] HEHER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | [illegible] | | MID | | C H | RAHWAY VALLEY SEW AUT |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | [illegible] | 8A | 8A | 8A | H | SEABROOK FARM CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P | | H | W. C. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | [illegible] | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | [illegible] | 41 01 | 74 03 | 103 | | MID | | | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |
| SEPTEMBER 1969 | | | | | | | | | | | | |
| NEW STATION | | | | | | | | | | | | |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | US DEPT OF INTERIOR |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7 00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES. Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING.

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry

+ And also on an earlier date or dates

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

• Amount included in following measurement, time distribution unknown

/ Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground, however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents These publications may be obtained from the Superintendent of Documents at the address shown above.

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USCOMM-ESSA-ASHEVILLE-10/28/69-880

UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
OCTOBER 1969
Volume 74 No. 10

THE LIBRARY OF THE
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## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 64.2 | 37.7 | 51.0 | - 3.9 | 79 | 13 | 21 | 24 | 426 | 0 | 0 | 10 | 0 | 2.35 | - 1.07 | 1.19 | 3 | .0 | 0 | | 4 | 2 | 1 |
| BOONTON 1 SE | 64.7 | 38.5 | 51.6 | - 1.7 | 79 | 13 | 25 | 24 | 408 | 0 | 0 | 10 | 0 | 1.95 | - 1.45 | 1.50 | 3 | T | 0 | | 4 | 1 | 1 |
| CANOE BROOK | 66.2 | 38.8 | 52.5 | - 1.2 | 80 | 13+ | 19 | 24 | 384 | 0 | 0 | 9 | 0 | 1.86 | - 1.55 | 1.14 | 3 | .0 | 0 | | 3 | 1 | 1 |
| CHARLOTTEBURG | 63.1 | 37.5 | 50.3 | - 2.0 | 79 | 13 | 21 | 24 | 448 | 0 | 0 | 10 | 0 | 1.67 | - 2.17 | 1.09 | 3 | T | T | 23 | 3 | 1 | 1 |
| CRANFORD | 66.5 | 42.9 | 54.7 | | 80 | 20+ | 23 | 24 | 328 | 0 | 0 | 7 | 0 | 1.85 | | .94 | 3 | .0 | 0 | | 3 | 2 | 0 |
| ELIZABETH | 67.1 | 44.2 | 55.7 | - 1.0 | 81 | 12 | 25 | 24 | 292 | 0 | 0 | 6 | 0 | 1.47 | - 2.06 | .83 | 3 | .0 | 0 | | 3 | 1 | 0 |
| ESSEX FELLS SERV BLDG | 64.5 | 39.9 | 52.2 | | 79 | 21 | 21 | 24 | 390 | 0 | 0 | 10 | 0 | 1.84 | | .82 | 3 | .0 | 0 | | 4 | 1 | 0 |
| FLEMINGTON 1 NE | 65.3 | 36.4 | 50.9 | - 4.9 | 79 | 21+ | 19 | 24 | 434 | 0 | 0 | 11 | 0 | 1.07 | - 2.25 | .72 | 3 | .0 | 0 | | 2 | 1 | 0 |
| HIGH POINT PARK | 61.2 | 37.9 | 49.6 | | 77 | 21 | 19 | 24+ | 474 | 0 | 0 | 9 | 0 | 2.33 | | 1.10 | 3 | T | 0 | | 4 | 3 | 1 |
| JERSEY CITY | 64.3 | 48.2 | 56.3 | - .4 | 79 | 20+ | 29 | 24 | 275 | 0 | 0 | 2 | 0 | 2.23 | - .95 | 1.50 | 2 | .0 | 0 | | 3 | 1 | 1 |
| LAMBERTVILLE | 67.8 | 42.3 | 55.1 | - .4 | 82 | 20+ | 23 | 24 | 320 | 0 | 0 | 8 | 0 | 1.27 | - 1.73 | .52 | 21 | .0 | 0 | | 4 | 1 | 0 |
| LAYTON 2 | 64.1 | 34.4 | 49.3 | | 80 | 13 | 17 | 24 | 478 | 0 | 0 | 14 | 0 | 1.78 | | 1.15 | 3 | .0 | 0 | | 3 | 1 | 1 |
| LITTLE FALLS | 65.2 | 42.8 | 54.0 | - 1.4 | 79 | 21+ | 25 | 24 | 339 | 0 | 0 | 8 | 0 | 1.88 | - 1.82 | 1.18 | 3 | .0 | 0 | | 4 | 1 | 1 |
| LONG VALLEY | 62.8 | 35.2 | 49.0 | | 78 | 13 | 19 | 24 | 488 | 0 | 0 | 13 | 0 | 1.52 | - 2.05 | .70 | 3 | .0 | 0 | | 4 | 1 | 0 |
| MORRIS PLAINS 1 W | 64.6 | 37.7 | 51.2 | | 78 | 21+ | 17 | 24 | 427 | 0 | 0 | 10 | 0 | 2.29 | | 1.48 | 3 | T | 0 | | 4 | 1 | 1 |
| NEWARK WB AIRPORT R | 65.4 | 46.9 | 56.2 | - .4 | 80 | 20+ | 28 | 24 | 284 | 0 | 0 | 2 | 0 | 1.75 | - 1.36 | .69 | 2 | .0 | 0 | | 5 | 1 | 0 |
| NEWTON | 63.9 | 34.2 | 49.1 | - 3.4 | 76 | 13+ | 19 | 24 | 488 | 0 | 0 | 12 | 0 | 2.14 | - 1.28 | 1.24 | 3 | .0 | 0 | | 3 | 1 | 1 |
| PATERSON | 66.3 | 44.5 | 55.4 | - .7 | 80 | 21+ | 29 | 24+ | 293 | 0 | 0 | 4 | 0 | 2.26 | - 1.21 | 1.20 | 3 | .0 | 0 | | 4 | 1 | 1 |
| PHILLIPSBURG | 68.5 | 40.5 | 54.5 | .0 | 86 | 13 | 24 | 30+ | 342 | 0 | 0 | 9 | 0 | 1.26 | - 2.16 | .58 | 3 | .0 | 0 | | 3 | 1 | 0 |
| PLAINFIELD | 66.6 | 42.8 | 54.7 | - 1.2 | 82 | 12 | 24 | 24 | 329 | 0 | 0 | 7 | 0 | 1.56 | - 1.90 | .43 | 21+ | .0 | 0 | | 4 | 0 | 0 |
| SOMERVILLE | 66.3 | 41.1 | 53.7 | - 1.6 | 80 | 20+ | 22 | 24 | 360 | 0 | 0 | 9 | 0 | 1.42 | - 1.93 | .60 | 3 | .0 | 0 | | 3 | 1 | 0 |
| SUSSEX 1 SE | 63.4 | 32.0 | 47.7 | - 5.5 | 75 | 21+ | 18 | 30+ | 525 | 0 | 0 | 15 | 0 | 2.12 | - 1.16 | 1.25 | 3 | T | 0 | | 4 | 1 | 1 |
| DIVISION | | | 52.5 | - 2.0 | | | | | | | | | | 1.81 | - 1.61 | | | T | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 65.3 | 42.5 | 53.9 | - 3.3 | 82 | 3 | 23 | 24 | 356 | 0 | 0 | 5 | 0 | 2.09 | - 1.11 | 1.32 | 8 | .0 | 0 | | 3 | 1 | 1 |
| AUDUBON | 67.8 | 45.0 | 56.4 | | 83 | 3 | 29 | 30 | 272 | 0 | 0 | 3 | 0 | 1.50 | | .51 | 8 | .0 | 0 | | 3 | 1 | 0 |
| BELLEPLAIN ST FOREST | 69.1M | 43.3M | 56.2M | | 84 | 4 | 18 | 24 | 283 | 0 | 0 | | 0 | 1.98 | - 1.71 | 1.35 | 8 | .0 | 0 | | 4 | 1 | 1 |
| BURLINGTON | 70.0M | 44.5M | 57.3M | - .7 | 84 | 20 | 28 | 24 | 227 | 0 | 0 | 5 | 0 | 1.02 | - 2.33 | .44 | 3 | .0 | 0 | | 3 | 0 | 0 |
| CHATSWORTH | 68.5M | 42.0M | 55.3M | | 83 | 3 | 12 | 24 | 317 | 0 | 0 | 9 | 0 | 1.68 | | .66 | 8 | .0 | 0 | | 3 | 2 | 0 |
| FREEHOLD | 64.6 | 42.1 | 53.4 | - 2.7 | 80 | 21 | 20 | 24 | 356 | 0 | 0 | 6 | 0 | 1.83 | - 1.76 | .87 | 3 | .0 | 0 | | 4 | 2 | 0 |
| GLASSBORO | 67.6 | 41.9 | 54.8 | | 82 | 4 | 23 | 24 | 322 | 0 | 0 | 8 | 0 | 1.90 | | .87 | 9 | .0 | 0 | | 3 | 2 | 0 |
| HAMMONTON 2 NNE | | | | | | | | | | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | 65.5 | 42.8 | 54.2 | - 1.7 | 80 | 20+ | 22 | 24 | 340 | 0 | 0 | 8 | 0 | 1.41 | - 1.91 | .55 | 21 | .0 | 0 | | 3 | 1 | 0 |
| INDIAN MILLS 2 W | 66.5 | 41.9 | 54.2 | - 1.7 | 82 | 3 | 17 | 24 | 344 | 0 | 0 | 8 | 0 | 1.97 | - 1.44 | .93 | 3 | .0 | 0 | | 3 | 2 | 0 |
| MILLVILLE | M | M | M | | | | 21 | 24 | | 0 | 0 | 7 | 0 | | | | | .0 | 0 | | | | |
| MILLVILLE FAA AIRPORT | 66.2 | 44.1 | 55.2 | | 81 | 3 | 21 | 24 | 314 | 0 | 0 | 6 | 0 | 1.43 | | .70 | 8 | .0 | 0 | | 3 | 1 | 0 |
| MOORESTOWN | 65.7 | 43.4 | 54.6 | - 1.3 | 80 | 19 | 24 | 30 | 329 | 0 | 0 | 6 | 0 | 1.51 | - 1.55 | .61 | 21 | .0 | 0 | | 3 | 1 | 0 |
| NEW BRUNSWICK | 65.8 | 42.8 | 54.3 | | 80 | 21 | 25 | 24 | 330 | 0 | 0 | 5 | 0 | 1.93 | | .99 | 3 | .0 | 0 | | 4 | 1 | 0 |
| PEMBERTON 3 E | 67.0 | 42.2 | 54.6 | - 2.2 | 83 | 3 | 18 | 24 | 333 | 0 | 0 | 9 | 0 | 1.91 | - 1.36 | .97 | 3 | .0 | 0 | | 3 | 2 | 0 |
| SEABROOK FARMS | 66.4 | 43.8 | 55.1 | | 82 | 4 | 23 | 24 | 317 | 0 | 0 | 7 | 0 | 2.36 | | .89 | 3 | .0 | 0 | | 4 | 2 | 0 |
| SHILOH | 68.6 | 45.9 | 57.3 | .0 | 84 | 25 | 25 | 24 | 250 | 0 | 0 | 5 | 0 | 2.52 | - .64 | 1.07 | 8 | .0 | 0 | | 3 | 3 | 1 |
| TOMS RIVER | 66.1 | 40.1 | 53.1 | | 82 | 21+ | 19 | 24 | 371 | 0 | 0 | 8 | 0 | 2.00 | | .72 | 21 | .0 | 0 | | 4 | 2 | 0 |
| TRENTON WB CITY R | 65.1 | 46.9 | 56.0 | - .8 | 80 | 20+ | 29 | 24 | 286 | 0 | 0 | 2 | 0 | 1.25 | - 1.59 | .45 | 21 | .0 | 0 | | 4 | 0 | 0 |
| TUCKERTON | 66.3 | 44.4 | 55.4 | | 85 | 3 | 19 | 24 | 313 | 0 | 0 | 6 | 0 | 1.94 | | 1.28 | 8 | .0 | 0 | | 3 | 1 | 1 |
| WOODSTOWN | 67.4 | 43.9 | 55.7 | | 82 | 3 | 23 | 24 | 298 | 0 | 0 | 6 | 0 | 1.84 | | .72 | 8 | .0 | 0 | | 3 | 1 | 0 |
| DIVISION | | | 55.1 | - 1.4 | | | | | | | | | | 1.79 | - 1.56 | | | .0 | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 65.5 | 51.7 | 58.6 | - .1 | 83 | 3 | 33 | 24+ | 222 | 0 | 0 | 0 | 0 | .51 | - 2.88 | .20 | 3 | | | | 3 | 0 | 0 |
| CAPE MAY 1 NW | 65.6 | 48.6 | 57.1 | | 80 | 21+ | 29 | 24 | 263 | 0 | 0 | 2 | 0 | 1.08 | | .57 | 3 | .0 | 0 | | 3 | 1 | 0 |
| LONG BRANCH 2S | 64.3 | 46.9 | 55.6 | - .6 | 79 | 20 | 26 | 24 | 300 | 0 | 0 | 2 | 0 | 2.08 | - 1.63 | 1.05 | 3 | .0 | 0 | | 3 | 1 | 1 |
| SANDY HOOK | M | M | M | | 78 | 4 | 31 | 24 | | 0 | 0 | 2 | 0 | 1.81 | | .92 | 3 | .0 | 0 | | 4 | 1 | 0 |
| DIVISION | | | 57.1 | - .9 | | | | | | | | | | 1.37 | - 1.93 | | | .0 | | | | | |

## EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>PHILLIPSBURG | 86 | DATE | 13 |
| LOWEST TEMPERATURE<br>CHATSWORTH | 12 | DATE | 24 |
| GREATEST TOTAL PRECIPITATION<br>SPLIT ROCK POND | 2.88 | | |
| LEAST TOTAL PRECIPITATION<br>ATLANTIC CITY R | .51 | | |
| GREATEST 1 DAY PRECIPITATION<br>BRANCHVILLE | 1.61 | DATE | 03 |
| GREATEST TOTAL SNOWFALL<br>OAK RIDGE RESERVOIR | .3 | | |
| GREATEST DEPTH OF SNOW<br>3 STATIONS | T | DATE | 23 |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * *<br>NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 2.35 | | T | 1.19 | T | | | | .62 | | | | T | | .21 | | | T | | | | .30 | .03 | | | | | | | | | |
| BERNARDSVILLE 2 E | 1.68 | | | .95 | .03 | | | | .22 | .02 | | | T | | .06 | | | | | | | .39 | .01 | | | | | | | | | |
| BLACKWELLS MILLS | 1.19 | | | .30 | | | | | .30 | | | | | .05 | | | | | | | | .54 | | | | | | | | | | |
| BOONTON 1 SE | 1.95 | | | 1.50 | .06 | | | | .11 | T | | | T | | .10 | | | | | | | .18 | T | T | T | | | | | | | |
| BOUND BROOK 2 W | 1.36 | | | .57 | T | | | | .26 | | | | | | .02 | | | | | | | .51 | | | | | | | | | | |
| BRANCHVILLE | 2.37 | | | 1.61 | .12 | | | | .17 | | | | | | .16 | | | | | | | .28 | .03 | | | | | | | | | |
| CANISTEAR RESERVOIR | 1.85 | | | 1.17 | .07 | | | | .22 | T | | | | | .06 | | | | | | | .33 | | T | | | | | | | | |
| CANOE BROOK | 1.86 | | | 1.14 | .06 | | | | .19 | T | | | | | .05 | | | | | | | .42 | T | | | | | | | | | |
| CHARLOTTEBURG | 1.67 | | | 1.09 | .09 | | | | .13 | T | | | | | .04 | | | | | | | .32 | | T | | | | | | | | |
| CLINTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CRANFORD | 1.85 | | .01 | .94 | | | | | .25 | | | T | | | .05 | | | | | | | .60 | T | | | | | | | | | |
| ELIZABETH | 1.47 | | .05 | .83 | T | | | | .30 | | | T | | | .04 | | | | | | | .25 | | | | | | | | | | |
| ESSEX FELLS SERV BLDG | 1.84 | | .08 | .82 | .45 | | | | .22 | | | | | | .07 | | | | | | | .20 | | T | | | | | | | | |
| FLEMINGTON 1 NE | 1.07 | | | .72 | | | | | .25 | | | | | | .08 | | | | | | | | T | .02 | | | | | | | | |
| GREENWOOD LAKE | 1.82 | | | 1.12 | .10 | | | | .13 | .02 | | | | | .06 | | | | | | | .32 | .02 | .05 | | | | | | | | |
| HIGH POINT PARK | 2.33 | | | 1.10 | .55 | | | | | | | | | | .10 | | | | | | | .04 | .04 | .50 | | | | | | | | |
| JERSEY CITY | 2.23 | | 1.50 | T | | | | | .35 | | | T | | T | T | | | | | | | .38 | T | | | | | | | | | |
| LAMBERTVILLE | 1.27 | | .13 | .23 | | | | | .37 | | | | | .02 | T | | | | | | | .52 | | | | | | | | | | |
| LAYTON 2 | 1.78 | | | 1.15 | .09 | | | | .12 | | | | | | .05 | | | | | | | .33 | .04 | | | | | | | | | |
| LITTLE FALLS | 1.88 | | | 1.18 | .24 | | | | .18 | .01 | | | T | | .07 | | | | | | | .20 | T | | | | | | | | | |
| LONG VALLEY | 1.52 | | | .70 | .12 | | | | .23 | | | | | | .08 | | | | | | | .37 | .02 | | | | | | | | | |
| MAHWAH | 1.96 | | | 1.31 | .12 | | | | .17 | .01 | | | | | .09 | | | | | | | .23 | | .03 | | | | | | | | |
| MIDLAND PARK | 1.80 | | 1.08 | .28 | | | | | .12 | | | | | .07 | .02 | | | | | | | .18 | .05 | | | | | | | | | |
| MILTON | 2.02 | | | 1.23 | .15 | | | | .16 | | | | | | .10 | | | | | | | .33 | | .05 | | | | | | | | |
| MORRIS PLAINS 1 W | 2.29 | | | 1.48 | .37 | | | | .20 | | | | | T | .06 | T | | | | | | .18 | T | | T | | | | | | | |
| NEWARK WB AIRPORT R | 1.75 | | .69 | .29 | | | | | .24 | | | .01 | | .07 | .01 | | | | | | .13 | .30 | .01 | | | | | | | | | |
| NEW MILFORD | 1.31 | | .63 | .33 | | | | | .14 | | | | | .02 | .05 | | | | | | | .14 | | | | | | | | | | |
| NEWTON | 2.14 | | | 1.24 | .04 | | | | .33 | | | | T | | .09 | | | | | | | .42 | .02 | T | | | | | | | | |
| OAK RIDGE RESERVOIR | 1.86 | | | 1.03 | .14 | | | | .16 | | | | | | .08 | | | | | | | .36 | .06 | .03 | | | | | | | | |
| PATERSON | 2.26 | | | 1.20 | .39 | | | | .21 | T | | | T | | .09 | | | | | | | .37 | T | T | | | | | | | | |
| PHILLIPSBURG | 1.26 | | .05 | .58 | | | | | .25 | | | | | | .05 | | | | | | | .33 | | | | | | | | | | |
| PHILLIPSBURG BRIDGE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PLAINFIELD | 1.56 | | .33 | .43 | | | | | .32 | | | T | | | .05 | | | | | | | .43 | T | | | | | T | | | | |
| POTTERSVILLE 2 NNW | 1.60 | | | .76 | .10 | | | | .26 | .03 | | | | | .15 | | | | | | | .27 | .03 | T | | | | | | | | T |
| RAHWAY | 1.41 | | .45 | .30 | | | | | .24 | | | | | .05 | .01 | | | | | | | .36 | | | | | | | | | | |
| RINGWOOD | 1.05 | | T | .75 | .02 | | | | .10 | | | T | | | .02 | | | | | | | .16 | T | | | | | | | | | |
| SOMERVILLE | 1.42 | | .02 | .60 | | | | | .33 | | | | | | .07 | | | | | | | .40 | | | | | | | | | | |
| SPLIT ROCK POND | 2.88 | | | 1.19 | .25 | | | | 1.13 | | | | | | .07 | | | | | | | .23 | .01 | | | | | | | | | |
| SUSSEX 1 SE | 2.12 | | | 1.25 | .31 | | | | .14 | .02 | | | | | .02 | .01 | | | | | | .27 | .07 | .03 | | | | | | | | |
| WANAQUE RAYMOND DAM | 1.60 | | | 1.28 | .04 | | | | .10 | | | | | | .05 | | | | | | | .13 | T | | | | | | | | | |
| WERTSVILLE | 1.48 | | | .54 | T | | | T | .30 | .03 | T | | .02 | T | T | | | | | | | .59 | | | | | | | | | | |
| WEST WHARTON | 1.70 | | .83 | .43 | | | | | .14 | .01 | | | | | .10 | | | | | | | .18 | T | .01 | | | | | | | | |
| WOODCLIFF LAKE | 1.84 | | .83 | .47 | | | | | .25 | | | | | .02 | .05 | | | | | | | .22 | | | | | | | | | | |
| * * *<br>SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 2.09 | | .08 | .19 | T | | | | 1.32 | | | T | T | .04 | .03 | | | | | | | .43 | | | | | | | | | | |
| AUDUBON | 1.50 | | .48 | .09 | | | | | .51 | | | | | T | | | | | | | | .42 | | | | | | T | | | | |
| BASS RIVER ST FOREST | .99 | | | .63 | | | | | | | | | | | | | | | | | | .36 | | | | | | | | | | |
| BELLEPLAIN ST FOREST | 1.98 | | .04 | .19 | | | | | 1.35 | .10 | | | .07 | .02 | .01 | | | | | | | .20 | | | | | | | T | | | |
| BURLINGTON | 1.02 | | .08 | .44 | | | | | .40 | | | | | | | | | | | | | .10 | | | | | | | | | | |
| CANTON | 1.19 | | | .33 | | | | | | .56 | | | | | .02 | | | | | | | .28 | | T | | | | | | | | |
| CHATSWORTH | 1.68 | | .04 | .52 | | | | | .66 | | | | | | | | | | | | | .46 | | | | | | | | | | |
| FORTESCUE | 1.28 | | | .18 | | | | | | .90 | | | | | | | | | | | | .20 | | | | | | | | | | |
| FREEHOLD | 1.83 | | | .87 | .02 | | | | .18 | .11 | | | | | .05 | | | | | | T | .60 | | T | | | | | | | | |
| GLASSBORO | 1.90 | | | .57 | | | | | | .87 | | | | | | | | | | | | .44 | | | | | | | .02 | | | |
| HAMMUNTON 2 NNE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| HIGHTSTOWN 1 N | 1.41 | | .04 | .36 | | | | | .43 | | | T | | | .03 | | | T | | T | | .55 | T | | | | | | | | | |
| INDIAN MILLS 2 W | 1.97 | | T | .93 | | | | | .68 | | | | | T | T | | | | | | | .36 | T | | | | | | T | | | |
| MAYS LANDING 1 W | 2.26 | | | .62 | | | | | .06 | .98 | | | | | .06 | | | | | | | .54 | | | | | | | | | | |
| MILLVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .71 | | | | | | | .05 | | | |
| MILLVILLE FAA AIRPORT | 1.43 | | .20 | .05 | | | | | .70 | | | T | | T | T | | | | | | | .46 | | | | | | .02 | | | | |
| MOORESTOWN | 1.51 | | | .48 | | | | | .34 | .08 | | | | | | | | | | | | .61 | | | | | | | | | | |
| NEW BRUNSWICK | 1.93 | | | .99 | .22 | | | | .18 | .06 | | T | | | .05 | T | | | | | | .43 | | T | | | | | | | | |
| PEMBERTON 3 E | 1.91 | | | .97 | | | | | .52 | | | | | | T | | | | | | | .42 | T | | | | | | | | | |
| PRINCETON WATER WORKS | 1.15 | | .39 | .15 | | | | | .22 | | | | | | | | | | | | | .39 | T | | | | | | | | | |
| SEABROOK FARMS | 2.36 | | | .89 | | | T | | .40 | .68 | .01 | T | .01 | T | T | | | T | | | | .30 | | | | | | | .07 | | T | |
| SHILOH | 2.52 | | .06 | .77 | | | | | 1.07 | .01 | | | | .02 | .01 | | | | | | | .52 | | | | | | | .06 | | | |
| TOMS RIVER | 2.00 | | | .65 | | | | | .10 | .48 | | | | | .05 | | | | | | | .72 | | | | | | | | | | |
| TRENTON WB CITY R | 1.25 | | .33 | .23 | | | | | .24 | | | T | | T | T | | | | | | | .45 | T | | | | | T | | | | |
| TUCKERTON | 1.94 | | T | .32 | | T | | | 1.28 | .01 | | T | | .06 | .04 | | | | | | | .23 | | | | | | | T | | | |
| WOODSTOWN | 1.84 | | .08 | .47 | | | | | .72 | | | .01 | .01 | T | .04 | | | | | T | | .47 | .01 | | | | | T | .03 | | | |
| * * *<br>COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | .51 | | | .20 | | | | | .13 | | | | | .01 | .02 | | | | | | | .15 | | | | | | | | | | |
| CAPE MAY 1 NW | 1.08 | | | .57 | | | | | | .27 | | T | | | .01 | | | | | | | .23 | | | | | | | | | | |
| LONG BRANCH 2S | 2.08 | | .02 | 1.05 | | | | | .44 | | | .07 | T | T | .05 | | | | | T | | .45 | T | | | | | | | | | |
| SANDY HOOK | 1.81 | | .02 | .92 | | | | | .25 | | | | | .25 | .04 | | | | | | | .33 | T | | | | | | | | | |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent<br>Standard of Time EASTERN | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 30 | 2.5 | 9.7 | 29++ | 28 | 22 | 88 | 90 | 55 | 80 | 3 | 3 | 2 | 0 | 1 | 0 | 9 | 59 | 4.6 |
| ATLANTIC CITY ST. MARINA | - | - | - | 35 | WNW | 21 | - | - | - | - | 0 | 2 | 3 | 0 | 0 | 0 | 5 | - | - |
| NEWARK WB AIRPORT | 27 | 3.5 | 9.6 | 31++ | 30 | 22 | 70 | 75 | 48 | 57 | 0 | 4 | 4 | 1 | 0 | 0 | 9 | - | 4.6 |
| TRENTON WB CITY | - | - | - | 30 | NW | 22+ | - | - | - | - | 5 | 0 | 4 | 0 | 0 | 0 | 9 | 60 | 4.9 |

# DAILY TEMPERATURES

| Station | | Day of Month 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 68 | 74 | 67 | 78 | 70 | 67 | 69 | 69 | 70 | 71 | 71 | 62 | 79 | 74 | 67 | 65 | 58 | 61 | 63 | 65 | 75 | 62 | 55 | 47 | 50 | 55 | 65 | 55 | 52 | 57 | 50 | 64.2 |
| | MIN | 41 | 48 | 57 | 52 | 41 | 39 | 42 | 48 | 41 | 40 | 43 | 48 | 50 | 52 | 38 | 34 | 39 | 32 | 36 | 40 | 44 | 40 | 26 | 21 | 24 | 25 | 30 | 24 | 26 | 22 | 26 | 37.7 |
| BOONTON 1 SE | MAX | 68 | 76 | 67 | 77 | 67 | 66 | 74 | 70 | 71 | 72 | 70 | 70 | 79 | 69 | 70 | 65 | 62 | 60 | 60 | 65 | 75 | 62 | 58 | 41 | 50 | 53 | 65 | 58 | 50 | 53 | 62 | 64.7 |
| | MIN | 39 | 47 | 58 | 53 | 42 | 39 | 40 | 45 | 43 | 38 | 39 | 53 | 53 | 53 | 36 | 32 | 36 | 39 | 36 | 39 | 46 | 40 | 27 | 25 | 29 | 27 | 32 | 30 | 26 | 26 | 27 | 38.5 |
| CANOE BROOK | MAX | 70 | 75 | 70 | 80 | 67 | 67 | 73 | 71 | 72 | 72 | 71 | 71 | 80 | 68 | 74 | 64 | 64 | 62 | 61 | 72 | 78 | 61 | 61 | 43 | 51 | 58 | 68 | 60 | 54 | 54 | 61 | 66.2 |
| | MIN | 40 | 47 | 55 | 52 | 48 | 40 | 42 | 46 | 43 | 42 | 41 | 52 | 51 | 56 | 36 | 36 | 36 | 34 | 35 | 46 | 48 | 43 | 27 | 19 | 24 | 32 | 28 | 28 | 26 | 24 | 27 | 38.8 |
| CHARLOTTEBURG | MAX | 67 | 74 | 65 | 73 | 66 | 65 | 72 | 68 | 70 | 70 | 68 | 69 | 79 | 71 | 70 | 62 | 58 | 58 | 59 | 65 | 74 | 60 | 54 | 37 | 48 | 53 | 64 | 56 | 48 | 53 | 60 | 63.1 |
| | MIN | 38 | 48 | 55 | 52 | 41 | 40 | 42 | 42 | 41 | 38 | 38 | 46 | 53 | 52 | 37 | 33 | 32 | 36 | 37 | 43 | 46 | 39 | 25 | 21 | 23 | 28 | 32 | 29 | 25 | 26 | 26 | 37.5 |
| CRANFORD | MAX | 73 | 70 | 80 | 76 | 64 | 72 | 72 | 71 | 72 | 71 | 72 | 80 | 76 | 74 | 63 | 62 | 61 | 59 | 67 | 60 | 77 | 60 | 49 | 51 | 54 | 67 | 61 | 53 | 54 | 61 | 59 | 66.5 |
| | MIN | 46 | 53 | 65 | 57 | 44 | 41 | 43 | 62 | 45 | 40 | 47 | 57 | 54 | 62 | 39 | 35 | 46 | 36 | 34 | 50 | 54 | 42 | 30 | 23 | 31 | 28 | 42 | 35 | 29 | 31 | 30 | 42.9 |
| ELIZABETH | MAX | 74 | 69 | 73 | 75 | 65 | 72 | 72 | 71 | 73 | 73 | 70 | 81 | 74 | 76 | 65 | 63 | 62 | 62 | 69 | 80 | 76 | 63 | 46 | 52 | 54 | 69 | 64 | 58 | 57 | 64 | 58 | 67.1 |
| | MIN | 49 | 55 | 55 | 58 | 48 | 43 | 47 | 62 | 46 | 45 | 52 | 59 | 58 | 57 | 40 | 40 | 45 | 36 | 40 | 48 | 54 | 43 | 29 | 25 | 30 | 31 | 43 | 35 | 32 | 31 | 35 | 44.2 |
| ESSEX FELLS SERV BLDG | MAX | 69 | 73 | 72 | 75 | 65 | 63 | 72 | 72 | 73 | 71 | 70 | 67 | 78 | 70 | 71 | 61 | 62 | 60 | 60 | 68 | 79 | 64 | 60 | 41 | 50 | 50 | 66 | 59 | 52 | 51 | 55 | 64.5 |
| | MIN | 42 | 53 | 57 | 50 | 40 | 40 | 43 | 58 | 42 | 38 | 45 | 55 | 53 | 61 | 35 | 32 | 42 | 32 | 36 | 39 | 52 | 41 | 25 | 21 | 31 | 30 | 39 | 25 | 25 | 27 | 29 | 39.9 |
| FLEMINGTON 1 NE | MAX | 70 | 73 | 69 | 79 | 70 | 65 | 72 | 72 | 74 | 70 | 70 | 69 | 79 | 70 | 72 | 63 | 61 | 59 | 61 | 68 | 79 | 64 | 57 | 44 | 50 | 53 | 67 | 59 | 52 | 53 | 60 | 65.3 |
| | MIN | 38 | 42 | 53 | 53 | 42 | 36 | 36 | 43 | 40 | 37 | 38 | 53 | 51 | 51 | 34 | 31 | 31 | 40 | 37 | 40 | 34 | 43 | 28 | 19 | 22 | 25 | 28 | 31 | 25 | 22 | 24 | 36.4 |
| HIGH POINT PARK | MAX | 64 | 71 | 54 | 69 | 66 | 58 | 72 | 62 | 70 | 64 | 68 | 64 | 73 | 70 | 64 | 61 | 59 | 59 | 57 | 66 | 77 | 57 | 49 | 35 | 49 | 54 | 63 | 54 | 50 | 52 | 55 | 61.2 |
| | MIN | 45 | 49 | 52 | 46 | 37 | 43 | 44 | 50 | 40 | 41 | 38 | 49 | 48 | 50 | 32 | 37 | 39 | 34 | 37 | 43 | 45 | 38 | 19 | 19 | 21 | 32 | 43 | 23 | 21 | 28 | 31 | 37.9 |
| JERSEY CITY | MAX | 72 | 66 | 75 | 66 | 63 | 72 | 66 | 68 | 71 | 67 | 71 | 79 | 68 | 74 | 61 | 60 | 61 | 61 | 67 | 79 | 72 | 62 | 41 | 51 | 53 | 65 | 60 | 53 | 53 | 60 | 55 | 64.3 |
| | MIN | 55 | 61 | 65 | 53 | 49 | 50 | 54 | 60 | 52 | 50 | 58 | 62 | 60 | 56 | 48 | 44 | 50 | 42 | 47 | 52 | 52 | 39 | 31 | 29 | 43 | 41 | 43 | 38 | 34 | 37 | 40 | 48.2 |
| LAMBERTVILLE | MAX | 75 | 78 | 81 | 76 | 67 | 74 | 72 | 70 | 74 | 75 | 69 | 82 | 75 | 73 | 66 | 63 | 61 | 63 | 70 | 82 | 75 | 58 | 47 | 51 | 61 | 68 | 60 | 52 | 57 | 63 | 63 | 67.8 |
| | MIN | 46 | 50 | 65 | 53 | 45 | 41 | 46 | 63 | 45 | 42 | 46 | 56 | 51 | 63 | 38 | 35 | 41 | 35 | 37 | 46 | 56 | 44 | 29 | 23 | 32 | 29 | 43 | 31 | 26 | 25 | 29 | 42.3 |
| LAYTON 2 | MAX | 68 | 62 | 70 | 75 | 68 | 65 | 72 | 65 | 71 | 71 | 72 | 76 | 80 | 77 | 68 | 61 | 58 | 60 | 60 | 68 | 78 | 60 | 54 | 40 | 52 | 53 | 66 | 53 | 50 | 54 | 59 | 64.1 |
| | MIN | 39 | 45 | 51 | 50 | 37 | 38 | 39 | 44 | 40 | 38 | 37 | 44 | 51 | 52 | 32 | 32 | 33 | 30 | 29 | 32 | 40 | 39 | 24 | 17 | 18 | 22 | 29 | 22 | 21 | 20 | 22 | 34.4 |
| LITTLE FALLS | MAX | 69 | 75 | 68 | 77 | 67 | 64 | 73 | 70 | 72 | 71 | 70 | 69 | 79 | 68 | 74 | 62 | 62 | 62 | 62 | 68 | 79 | 64 | 59 | 42 | 51 | 53 | 66 | 59 | 52 | 53 | 61 | 65.2 |
| | MIN | 47 | 55 | 60 | 54 | 45 | 43 | 45 | 51 | 45 | 42 | 47 | 57 | 53 | 48 | 41 | 36 | 46 | 41 | 42 | 48 | 55 | 44 | 29 | 25 | 32 | 30 | 47 | 31 | 30 | 27 | 31 | 42.8 |
| LONG VALLEY | MAX | 65 | 70 | 65 | 75 | 68 | 63 | 68 | 67 | 70 | 68 | 68 | 68 | 78 | 70 | 68 | 61 | 57 | 58 | 58 | 64 | 75 | 62 | 56 | 40 | 48 | 56 | 64 | 56 | 49 | 53 | 59 | 62.8 |
| | MIN | 42 | 40 | 55 | 50 | 40 | 36 | 37 | 42 | 42 | 35 | 35 | 50 | 47 | 46 | 38 | 30 | 32 | 31 | 32 | 41 | 39 | 40 | 24 | 19 | 24 | 25 | 24 | 25 | 26 | 20 | 23 | 35.2 |
| MORRIS PLAINS 1 W | MAX | 68 | 74 | 68 | 76 | 69 | 65 | 72 | 69 | 71 | 70 | 70 | 68 | 78 | 69 | 70 | 63 | 60 | 61 | 61 | 67 | 78 | 64 | 58 | 41 | 50 | 53 | 67 | 58 | 51 | 55 | 59 | 64.6 |
| | MIN | 38 | 48 | 57 | 55 | 43 | 40 | 40 | 41 | 43 | 39 | 39 | 52 | 55 | 55 | 40 | 32 | 38 | 33 | 33 | 35 | 42 | 36 | 27 | 17 | 24 | 29 | 31 | 32 | 26 | 23 | 27 | 37.7 |
| NEWARK WB AIRPORT | MAX | 72 | 68 | 78 | 68 | 63 | 73 | 71 | 72 | 71 | 69 | 71 | 80 | 70 | 76 | 63 | 63 | 62 | 61 | 68 | 80 | 68 | 58 | 43 | 50 | 54 | 68 | 60 | 53 | 55 | 60 | 58 | 65.4 |
| | MIN | 53 | 61 | 68 | 50 | 49 | 47 | 52 | 58 | 50 | 50 | 58 | 64 | 61 | 50 | 45 | 44 | 46 | 40 | 43 | 52 | 52 | 35 | 31 | 28 | 37 | 35 | 45 | 39 | 34 | 37 | 40 | 46.9 |
| NEWTON | MAX | 68 | 75 | 66 | 76 | 65 | 66 | 70 | 68 | 70 | 70 | 70 | 68 | 76 | 72 | 69 | 63 | 61 | 60 | 60 | 68 | 75 | 60 | 55 | 40 | 49 | 63 | 64 | 55 | 49 | 52 | 57 | 63.9 |
| | MIN | 35 | 42 | 50 | 54 | 38 | 34 | 36 | 38 | 38 | 33 | 35 | 40 | 46 | 52 | 39 | 28 | 30 | 35 | 32 | 34 | 46 | 39 | 26 | 19 | 21 | 24 | 26 | 22 | 24 | 20 | 23 | 34.2 |
| PATERSON | MAX | 71 | 75 | 68 | 76 | 68 | 65 | 79 | 71 | 75 | 74 | 71 | 67 | 80 | 68 | 74 | 63 | 64 | 64 | 65 | 69 | 80 | 69 | 60 | 40 | 52 | 57 | 67 | 54 | 53 | 58 | 59 | 66.3 |
| | MIN | 50 | 56 | 60 | 55 | 46 | 46 | 49 | 54 | 49 | 45 | 50 | 58 | 57 | 61 | 42 | 40 | 48 | 40 | 38 | 40 | 48 | 43 | 29 | 29 | 31 | 38 | 43 | 36 | 32 | 33 | 35 | 44.5 |
| PHILLIPSBURG | MAX | 75 | 77 | 78 | 79 | 71 | 71 | 72 | 74 | 72 | 73 | 70 | 79 | 86 | 73 | 65 | 65 | 61 | 62 | 68 | 77 | 79 | 62 | 52 | 51 | 57 | 68 | 67 | 55 | 57 | 63 | 63 | 68.5 |
| | MIN | 44 | 54 | 63 | 53 | 42 | 40 | 44 | 61 | 44 | 39 | 44 | 54 | 56 | 61 | 37 | 34 | 41 | 38 | 34 | 33 | 52 | 42 | 28 | 24 | 32 | 27 | 27 | 28 | 27 | 24 | 27 | 40.5 |
| PLAINFIELD | MAX | 73 | 68 | 79 | 71 | 65 | 74 | 73 | 72 | 75 | 72 | 72 | 82 | 69 | 75 | 65 | 63 | 62 | 63 | 69 | 80 | 65 | 61 | 46 | 52 | 56 | 69 | 63 | 55 | 55 | 61 | 59 | 66.6 |
| | MIN | 46 | 53 | 64 | 57 | 45 | 41 | 44 | 61 | 44 | 41 | 47 | 58 | 55 | 62 | 40 | 36 | 43 | 35 | 37 | 45 | 54 | 45 | 30 | 24 | 30 | 30 | 41 | 33 | 28 | 26 | 31 | 42.8 |
| SOMERVILLE | MAX | 76 | 69 | 80 | 75 | 67 | 70 | 73 | 73 | 71 | 72 | 71 | 80 | 71 | 73 | 63 | 63 | 60 | 61 | 68 | 80 | 71 | 60 | 46 | 50 | 55 | 67 | 60 | 54 | 56 | 61 | 58 | 66.3 |
| | MIN | 44 | 43 | 64 | 56 | 45 | 39 | 42 | 61 | 43 | 40 | 48 | 57 | 54 | 60 | 38 | 34 | 40 | 31 | 34 | 43 | 54 | 44 | 31 | 22 | 29 | 27 | 39 | 32 | 28 | 24 | 28 | 41.1 |
| SUSSEX 1 SE | MAX | 67 | 73 | 65 | 73 | 63 | 63 | 73 | 68 | 71 | 70 | 71 | 63 | 75 | 75 | 68 | 60 | 59 | 60 | 60 | 68 | 75 | 67 | 53 | 38 | 49 | 50 | 65 | 64 | 49 | 53 | 58 | 63.4 |
| | MIN | 32 | 40 | 50 | 50 | 33 | 34 | 34 | 39 | 34 | 32 | 32 | 39 | 48 | 48 | 32 | 26 | 36 | 37 | 30 | 37 | 37 | 37 | 22 | 18 | 18 | 21 | 23 | 19 | 18 | 18 | 19 | 32.0 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 75 | 68 | 82 | 71 | 56 | 66 | 71 | 68 | 69 | 68 | 75 | 80 | 66 | 74 | 60 | 66 | 62 | 62 | 70 | 80 | 72 | 64 | 43 | 50 | 52 | 65 | 65 | 54 | 51 | 59 | 60 | 65.3 |
| | MIN | 50 | 45 | 63 | 48 | 34 | 38 | 46 | 57 | 45 | 39 | 59 | 60 | 62 | 52 | 36 | 36 | 40 | 36 | 45 | 55 | 43 | 38 | 27 | 23 | 34 | 33 | 47 | 37 | 29 | 29 | 31 | 42.5 |
| AUDUBON | MAX | 79 | 72 | 83 | 75 | 67 | 73 | 76 | 70 | 78 | 76 | 68 | 78 | 71 | 73 | 65 | 66 | 61 | 63 | 72 | 81 | 71 | 62 | 47 | 52 | 55 | 70 | 65 | 56 | 55 | 56 | 66 | 67.8 |
| | MIN | 50 | 55 | 68 | 56 | 47 | 41 | 48 | 56 | 46 | 44 | 50 | 53 | 56 | 57 | 44 | 39 | 46 | 40 | 43 | 48 | 51 | 42 | 31 | 30 | 36 | 34 | 49 | 40 | 33 | 29 | 34 | 45.0 |
| BELLEPLAIN ST FOREST | MAX | 77 | 74 | 78 | 84 | 69 | 70 | 75 | 69 | 71 | 70 | 75 | 81 | 76 | 72 | 69 | 68 | 65 | 63 | 71 | 80 | 77 | 66 | 59 | 50 | 58 | 67 | | 62 | 54 | 61 | 62 | 69.1 |
| | MIN | 47 | 52 | 60 | 58 | 52 | 35 | 41 | 60 | 52 | 37 | 50 | 56 | 59 | 64 | 42 | 33 | 48 | 31 | 40 | 52 | 56 | 36 | 29 | 18 | | 28 | | 37 | 30 | 23 | 29 | 43.3 |
| BURLINGTON | MAX | 76 | 73 | 82 | 76 | 75 | 78 | 74 | 71 | 71 | 73 | | 80 | 78 | 76 | 66 | 66 | 65 | 64 | | 84 | 78 | 71 | 64 | 52 | 55 | | 66 | 59 | 48 | | | 70.0 |
| | MIN | 51 | 59 | 59 | 48 | 49 | 42 | 47 | 62 | 48 | 46 | | 52 | 56 | 62 | 43 | 41 | 44 | 42 | | 45 | 47 | 40 | 32 | 28 | 36 | 32 | | 36 | 32 | 32 | 35 | 44.5 |
| CHATSWORTH | MAX | 78 | 74 | 83 | 78 | 71 | 73 | | 64 | 72 | 71 | 73 | 80 | 76 | | 65 | 66 | 61 | 64 | 72 | 82 | 74 | 74 | 50 | 48 | 55 | | 69 | | 55 | 61 | 60 | 68.5 |
| | MIN | 45 | 51 | 67 | 55 | 50 | 34 | | 60 | 51 | 39 | 49 | 60 | 57 | | 39 | 35 | 41 | 30 | 42 | 50 | 52 | 40 | 28 | 12 | 27 | 35 | | | 28 | 28 | 28 | 42.0 |
| FREEHOLD | MAX | 71 | 73 | 70 | 79 | 67 | 61 | 71 | 71 | 67 | 70 | 70 | 70 | 76 | 66 | 75 | 60 | 63 | 61 | 62 | 67 | 80 | 61 | 62 | 42 | 50 | 53 | 62 | 63 | 52 | 51 | 57 | 64.6 |
| | MIN | 46 | 52 | 58 | 55 | 46 | 40 | 43 | 51 | 47 | 41 | 41 | 59 | 54 | 61 | 40 | 37 | 41 | 35 | 40 | 47 | 53 | 43 | 27 | 20 | 27 | 34 | 45 | 35 | 29 | 28 | 30 | 42.1 |
| GLASSBORO | MAX | 71 | 78 | 78 | 82 | 73 | 64 | 70 | 74 | 74 | 72 | 73 | 68 | 77 | 71 | 72 | 62 | 65 | 65 | 68 | 70 | 81 | 64 | 63 | 63 | 49 | 53 | 67 | 63 | 53 | 52 | 61 | 67.6 |
| | MIN | 48 | 50 | 61 | 57 | 46 | 39 | 48 | 54 | 46 | 43 | 46 | 52 | 50 | 57 | 44 | 35 | 40 | 33 | 32 | 42 | 52 | 43 | 30 | 23 | 24 | 32 | 45 | 38 | 31 | 26 | 31 | 41.9 |
| HAMMONTON 2 NNE | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | MAX | 74 | 68 | 80 | 74 | 65 | 70 | 73 | 69 | 70 | 70 | 68 | 78 | 70 | 73 | 61 | 63 | 60 | 61 | 68 | 80 | 73 | 60 | 49 | 49 | 53 | 67 | 61 | 53 | 53 | 59 | 60 | 65.5 |
| | MIN | 47 | 52 | 65 | 56 | 45 | 39 | 45 | 61 | 44 | 40 | 48 | 56 | 54 | 61 | 40 | 34 | 45 | 35 | 37 | 50 | 55 | 45 | 28 | 22 | 30 | 31 | 49 | 32 | 28 | 25 | 29 | 42.8 |
| INDIAN MILLS 2 W | MAX | 79 | 70 | 82 | 72 | 65 | 71 | 73 | 65 | 70 | 72 | 72 | 79 | 71 | 72 | 64 | 65 | 62 | 62 | 71 | 81 | 73 | 62 | 46 | 49 | 53 | 68 | 62 | 53 | 53 | 63 | 62 | 66.5 |
| | MIN | 45 | 51 | 66 | 56 | 46 | 35 | 41 | 61 | 44 | 39 | 47 | 56 | 53 | 62 | 40 | 31 | 42 | 36 | 42 | 52 | 53 | 39 | 29 | 17 | 29 | 27 | 52 | 36 | 26 | 21 | 26 | 41.9 |
| MILLVILLE | MAX | | | | | | | | | | | | | | | | | | | | | 82 | 66 | 65 | 46 | 51 | 53 | 69 | 65 | 56 | 55 | 67 | |
| | MIN | | | | | | | | | | | | | | | | | | | | | 56 | 40 | 32 | 21 | 30 | 29 | 50 | 37 | 29 | 25 | 29 | |
| MILLVILLE FAA AIRPORT | MAX | 75 | 72 | 81 | 73 | 61 | 70 | 71 | 67 | 73 | 73 | 70 | 79 | 71 | 71 | 64 | 66 | 62 | 61 | 70 | 80 | 71 | 63 | 44 | 50 | 54 | 65 | 64 | 53 | 52 | 64 | 63 | 66.2 |
| | MIN | 50 | 56 | 67 | 55 | 42 | 39 | 46 | 57 | 47 | 44 | 56 | 60 | 60 | 55 | 40 | 37 | 44 | 41 | 50 | 53 | 42 | 40 | 29 | 21 | 31 | 31 | 46 | 38 | 30 | 27 | 33 | 44.1 |
| MOORESTOWN | MAX | 77 | 68 | 79 | 70 | 64 | 71 | 73 | 67 | 70 | 71 | 66 | 78 | 73 | 71 | 62 | 64 | 58 | 64 | 80 | 78 | 70 | 61 | 45 | 48 | 53 | 66 | 63 | 53 | 54 | 61 | 60 | 65.7 |
| | MIN | 49 | 54 | 66 | 56 | 52 | 38 | 44 | 57 | 43 | 40 | 48 | 58 | 47 | 52 | 41 | 34 | 45 | 43 | 48 | 40 | 46 | 43 | 29 | 28 | 36 | 31 | 46 | 36 | 31 | 24 | 30 | 43.4 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

NEW JERSEY
OCTOBER 1969

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | MAX | 68 | 74 | 70 | 79 | 69 | 64 | 71 | 73 | 72 | 70 | 70 | 77 | 78 | 69 | 74 | 62 | 62 | 61 | 62 | 67 | 80 | 64 | 60 | 42 | 49 | 60 | 66 | 62 | 53 | 54 | 59 | 65.8 |
| | MIN | 44 | 52 | 60 | 58 | 45 | 44 | 45 | 48 | 47 | 42 | 49 | 47 | 57 | 57 | 41 | 37 | 40 | 39 | 39 | 50 | 49 | 45 | 28 | 25 | 30 | 33 | 48 | 35 | 31 | 30 | 33 | 42.8 |
| PEMBERTON 3 E | MAX | 78 | 72 | 83 | 76 | 63 | 72 | 73 | 67 | 74 | 70 | 71 | 80 | 71 | 74 | 63 | 65 | 62 | 63 | 71 | 80 | 74 | 63 | 47 | 51 | 57 | 69 | 64 | 57 | 54 | 62 | 52 | 67.0 |
| | MIN | 46 | 52 | 66 | 54 | 49 | 35 | 41 | 61 | 49 | 38 | 51 | 58 | 52 | 60 | 41 | 31 | 43 | 32 | 41 | 44 | 56 | 40 | 28 | 18 | 31 | 27 | 52 | 34 | 28 | 22 | 28 | 42.2 |
| SEABROOK FARMS | MAX | 70 | 77 | 72 | 82 | 78 | 64 | 69 | 74 | 67 | 70 | 72 | 68 | 77 | 71 | 71 | 62 | 67 | 62 | 61 | 70 | 81 | 65 | 64 | 45 | 49 | 52 | 65 | 63 | 54 | 53 | 62 | 66.4 |
| | MIN | 47 | 53 | 64 | 57 | 48 | 40 | 47 | 55 | 49 | 44 | 50 | 57 | 57 | 61 | 43 | 38 | 44 | 38 | 42 | 53 | 56 | 42 | 31 | 23 | 27 | 30 | 36 | 37 | 30 | 27 | 31 | 43.8 |
| SHILOH | MAX | 76 | 71 | 81 | 79 | 75 | 71 | 71 | 67 | 71 | 72 | 70 | 75 | 73 | 70 | 68 | 66 | 68 | 64 | 71 | 80 | 76 | 64 | 51 | 51 | 84 | 66 | 63 | 55 | 51 | 62 | 65 | 68.6 |
| | MIN | 52 | 57 | 66 | 55 | 48 | 43 | 49 | 59 | 48 | 46 | 51 | 56 | 57 | 63 | 42 | 39 | 47 | 39 | 45 | 54 | 54 | 39 | 30 | 25 | 48 | 31 | 48 | 37 | 29 | 31 | 34 | 45.9 |
| TOMS RIVER | MAX | 72 | 75 | 71 | 82 | 70 | 61 | 73 | 71 | 66 | 69 | 69 | 69 | 78 | 68 | 74 | 60 | 64 | 61 | 63 | 73 | 82 | 65 | 63 | 44 | 50 | 55 | 69 | 64 | 57 | 53 | 57 | 66.1 |
| | MIN | 39 | 48 | 54 | 56 | 53 | 36 | 37 | 44 | 50 | 39 | 40 | 61 | 55 | 62 | 39 | 34 | 35 | 32 | 35 | 47 | 56 | 40 | 30 | 19 | 20 | 28 | 33 | 39 | 29 | 25 | 29 | 40.1 |
| TRENTON WB CITY | MAX | 74 | 69 | 80 | 70 | 64 | 70 | 72 | 70 | 71 | 70 | 67 | 78 | 69 | 74 | 61 | 64 | 59 | 61 | 69 | 80 | 72 | 60 | 43 | 49 | 54 | 67 | 60 | 51 | 52 | 59 | 59 | 65.1 |
| | MIN | 54 | 58 | 67 | 51 | 48 | 47 | 51 | 57 | 51 | 47 | 55 | 59 | 59 | 51 | 43 | 43 | 47 | 42 | 48 | 54 | 51 | 38 | 31 | 29 | 38 | 38 | 47 | 39 | 33 | 36 | 41 | 46.9 |
| TUCKERTON | MAX | 78 | 69 | 85 | 74 | 60 | 73 | 71 | 67 | 69 | 68 | 70 | 77 | 69 | 73 | 62 | 65 | 64 | 56 | 72 | 82 | 72 | 65 | 47 | 52 | 55 | 68 | 66 | 57 | 52 | 58 | 60 | 66.3 |
| | MIN | 49 | 50 | 67 | 57 | 53 | 37 | 41 | 60 | 51 | 40 | 54 | 62 | 58 | 61 | 39 | 37 | 46 | 37 | 41 | 55 | 54 | 38 | 27 | 19 | 32 | 32 | 51 | 39 | 29 | 28 | 33 | 44.4 |
| WOODSTOWN | MAX | 78 | 71 | 82 | 76 | 71 | 70 | 73 | 69 | 71 | 72 | 68 | 77 | 76 | 72 | 66 | 66 | 65 | 62 | 71 | 81 | 75 | 63 | 52 | 49 | 51 | 67 | 64 | 53 | 52 | 62 | 64 | 67.4 |
| | MIN | 48 | 54 | 66 | 56 | 48 | 39 | 50 | 61 | 47 | 42 | 49 | 54 | 54 | 63 | 42 | 37 | 42 | 34 | 43 | 50 | 56 | 38 | 30 | 23 | 34 | 30 | 46 | 37 | 31 | 25 | 32 | 43.9 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 73 | 71 | 83 | 70 | 64 | 66 | 69 | 70 | 68 | 68 | 69 | 74 | 67 | 74 | 60 | 65 | 64 | 64 | 69 | 78 | 73 | 65 | 46 | 50 | 54 | 63 | 66 | 56 | 52 | 58 | 60 | 65.5 |
| | MIN | 60 | 66 | 69 | 62 | 57 | 50 | 57 | 60 | 54 | 55 | 64 | 64 | 64 | 57 | 48 | 48 | 47 | 42 | 55 | 64 | 52 | 42 | 33 | 33 | 44 | 42 | 49 | 43 | 37 | 37 | 47 | 51.7 |
| CAPE MAY 1 NW | MAX | 69 | 74 | 71 | 80 | 72 | 61 | 68 | 71 | 70 | 70 | 69 | 73 | 77 | 68 | 70 | 60 | 66 | 63 | 62 | 71 | 80 | 65 | 66 | 45 | 48 | 54 | 63 | 63 | 55 | 50 | 59 | 65.6 |
| | MIN | 49 | 56 | 67 | 62 | 55 | 43 | 51 | 61 | 55 | 48 | 53 | 61 | 62 | 64 | 47 | 43 | 44 | 48 | 47 | 56 | 61 | 43 | 35 | 29 | 32 | 38 | 49 | 43 | 34 | 33 | 38 | 48.6 |
| LONG BRANCH 2S | MAX | 70 | 67 | 77 | 72 | 60 | 70 | 70 | 66 | 69 | 67 | 66 | 76 | 70 | 74 | 62 | 64 | 61 | 61 | 66 | 79 | 72 | 60 | 47 | 50 | 53 | 63 | 63 | 53 | 51 | 56 | 59 | 64.3 |
| | MIN | 53 | 55 | 66 | 58 | 53 | 44 | 49 | 62 | 49 | 47 | 54 | 62 | 58 | 62 | 44 | 40 | 49 | 38 | 44 | 53 | 55 | 44 | 30 | 26 | 34 | 36 | 49 | 39 | 35 | 33 | 34 | 46.9 |
| SANDY HOOK | MAX | 70 | 68 | | 78 | | | | | | | | | 76 | 74 | 64 | 63 | 63 | | | 76 | 72 | 62 | 50 | 53 | | | 63 | 55 | 52 | 56 | 58 | |
| | MIN | 52 | 52 | | 49 | | | | | | | | | 40 | | 37 | 50 | 53 | | | 44 | 52 | 50 | 32 | 31 | | | 40 | 43 | 37 | 41 | 46 | |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 72 | 68 | 75 | 72 | 70 | 70 | 70 | 71 | 71 | 70 | 70 | 73 | 69 | 70 | 66 | 62 | 61 | 61 | 60 | 66 | 65 | 59 | 50 | 51 | 52 | 56 | 57 | 53 | 53 | 53 | 53 | 63.5 |
| | | MIN | 61 | 63 | 68 | 64 | 62 | 59 | 59 | 65 | 61 | 58 | 60 | 65 | 63 | 62 | 57 | 54 | 56 | 53 | 52 | 54 | 58 | 50 | 46 | 44 | 46 | 46 | 53 | 49 | 46 | 45 | 45 | 55.6 |
| | 2 | MAX | 70 | 68 | 74 | 73 | 70 | 69 | 69 | 70 | 70 | 68 | 68 | 71 | 68 | 69 | 66 | 62 | 61 | 60 | 60 | 64 | 64 | 60 | 52 | 51 | 52 | 55 | 56 | 54 | 53 | 53 | 53 | 63.0 |
| | | MIN | 62 | 64 | 58 | 66 | 63 | 61 | 61 | 66 | 62 | 59 | 62 | 65 | 64 | 64 | 59 | 56 | 58 | 55 | 54 | 57 | 60 | 52 | 49 | 46 | 48 | 48 | 54 | 50 | 48 | 46 | 47 | 57.2 |
| | 4 | MAX | 68 | 69 | 68 | 72 | 70 | 68 | 69 | 68 | 68 | 69 | 67 | 67 | 70 | 68 | 69 | 65 | 62 | 61 | 60 | 60 | 62 | 63 | 60 | 52 | 51 | 52 | 55 | 56 | 53 | 52 | 53 | 62.8 |
| | | MIN | 60 | 64 | 64 | 66 | 64 | 62 | 62 | 62 | 66 | 63 | 61 | 64 | 64 | 65 | 63 | 60 | 57 | 56 | 55 | 57 | 58 | 60 | 51 | 50 | 48 | 49 | 49 | 52 | 50 | 48 | 48 | 58.0 |
| | 8 | MAX | 66 | 63 | 58 | 71 | 70 | 68 | 68 | 67 | 68 | 67 | 66 | 66 | 67 | 67 | 67 | 65 | 63 | 61 | 60 | 60 | 62 | 63 | 61 | 57 | 54 | 54 | 55 | 56 | 55 | 53 | 53 | 62.8 |
| | | MIN | 63 | 54 | 65 | 68 | 65 | 65 | 64 | 64 | 66 | 65 | 63 | 64 | 65 | 65 | 65 | 63 | 61 | 59 | 58 | 58 | 59 | 61 | 57 | 54 | 52 | 53 | 52 | 54 | 53 | 52 | 51 | 60.3 |
| | 20 | MAX | 67 | 67 | 68 | 69 | 68 | 67 | 67 | 67 | 67 | 66 | 66 | 66 | 67 | 67 | 66 | 65 | 65 | 64 | 63 | 63 | 63 | 63 | 62 | 60 | 59 | 58 | 58 | 58 | 57 | 57 | 56 | 63.7 |
| | | MIN | 66 | 65 | 67 | 68 | 67 | 66 | 66 | 66 | 66 | 66 | 65 | 65 | 66 | 66 | 65 | 64 | 64 | 63 | 62 | 62 | 62 | 62 | 60 | 59 | 58 | 57 | 57 | 57 | 57 | 56 | 55 | 62.8 |
| | 40 | MAX | 67 | 67 | 68 | 68 | 68 | 67 | 67 | 67 | 67 | 66 | 66 | 66 | 67 | 67 | 66 | 66 | 66 | 65 | 65 | 64 | 64 | 64 | 63 | 63 | 62 | 61 | 61 | 60 | 60 | 60 | 59 | 64.7 |
| | | MIN | 67 | 67 | 67 | 68 | 67 | 67 | 67 | 67 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 65 | 65 | 65 | 64 | 63 | 63 | 63 | 63 | 62 | 61 | 60 | 60 | 60 | 60 | 59 | 59 | 64.2 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 74 | 67 | 77 | 77 | 71 | 73 | 72 | 73 | 74 | 74 | 71 | 79 | 70 | 73 | 67 | 63 | 62 | 63 | 65 | 72 | 66 | 59 | 49 | 52 | 53 | 60 | 59 | 56 | 55 | 56 | 56 | 65.7 |
| | | MIN | 55 | 60 | 68 | 58 | 55 | 51 | 53 | 62 | 55 | 52 | 58 | 65 | 60 | 57 | 49 | 47 | 50 | 43 | 46 | 52 | 53 | 42 | 37 | 35 | 39 | 39 | 50 | 42 | 38 | 37 | 39 | 49.9 |
| | 2 | MAX | 74 | 67 | 77 | 77 | 71 | 72 | 71 | 72 | 74 | 73 | 71 | 77 | 70 | 73 | 67 | 62 | 61 | 61 | 64 | 71 | 65 | 58 | 49 | 50 | 52 | 58 | 58 | 55 | 54 | 54 | 55 | 64.9 |
| | | MIN | 55 | 60 | 68 | 58 | 55 | 51 | 53 | 62 | 55 | 53 | 58 | 65 | 60 | 58 | 49 | 48 | 50 | 43 | 46 | 52 | 54 | 44 | 38 | 36 | 39 | 39 | 50 | 43 | 38 | 38 | 39 | 50.2 |
| | 4 | MAX | 70 | 66 | 75 | 70 | 68 | 68 | 68 | 69 | 70 | 68 | 68 | 73 | 68 | 70 | 64 | 61 | 60 | 59 | 60 | 65 | 64 | 57 | 50 | 50 | 50 | 54 | 56 | 53 | 52 | 52 | 51 | 62.2 |
| | | MIN | 58 | 62 | 66 | 63 | 59 | 56 | 57 | 64 | 59 | 56 | 60 | 64 | 62 | 63 | 54 | 53 | 55 | 49 | 50 | 56 | 57 | 50 | 44 | 40 | 43 | 43 | 52 | 47 | 43 | 42 | 42 | 53.8 |
| | 8 | MAX | 67 | 66 | 71 | 72 | 67 | 66 | 66 | 66 | 66 | 66 | 65 | 69 | 67 | 67 | 65 | 60 | 60 | 59 | 59 | 61 | 62 | 60 | 55 | 50 | 50 | 52 | 54 | 53 | 51 | 50 | 50 | 61.0 |
| | | MIN | 61 | 64 | 66 | 67 | 53 | 61 | 61 | 65 | 63 | 61 | 61 | 64 | 65 | 65 | 60 | 58 | 59 | 54 | 54 | 59 | 60 | 55 | 50 | 48 | 48 | 48 | 52 | 51 | 48 | 46 | 47 | 57.5 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND; FLAT. SOIL TYPE; LOAM. GROUND COVER; KENTUCKY BLUEGRASS. INSTRUMENTATION; COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.
SUB-STA 2 : SLOPE OF GROUND; FLAT. SOIL TYPE; LOAM. GROUND COVER; BARREN. INSTRUMENTATION; BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# EVAPORATION AND WIND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | EVAP | .12 | .12 | .02 | .12 | .03 | .15 | .18 | .07 | .00 | .04 | .19 | .04 | .04 | .02 | .10 | .10 | .04 | .10 | .13 | .11 | .12 | .13 | .12 | - | - | - | - | - | - | - | - | - |
| | WIND | 26 | 15 | 33 | 6 | 40 | 34 | 20 | 54 | 25 | 23 | 11 | 6 | 17 | 11 | 52 | 8 | 46 | 29 | 30 | 50 | 67 | 31 | 56 | 38 | 35 | 30 | 33 | 7 | 33 | 12 | 10 | 888 |
| | MAX | 70 | 73 | 65 | 77 | 85 | 72 | 71 | 68 | 70 | 73 | 68 | 66 | 78 | 66 | 68 | 65 | 57 | 59 | 52 | 56 | 70 | 67 | 61 | - | - | - | - | - | - | - | - | 67.8 |
| | MIN | 50 | 52 | 58 | 61 | 45 | 47 | 52 | 53 | 55 | 52 | 52 | 55 | 59 | 58 | 45 | 45 | 45 | 41 | 40 | 48 | 50 | 47 | 36 | - | - | - | - | - | - | - | - | 49.7 |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | EVAP | .15 | .04 | .04 | .18 | .22 | .06 | .10 | .07 | .12 | .12 | .09 | .04 | .09 | .04 | .16 | .07 | .07 | .17 | .12 | .02 | .28 | .20 | .10 | .04 | .07 | .07 | .08 | .09 | .01 | .02 | .09 | 3.02 |
| | WIND | 46 | 15 | 48 | 58 | 60 | 21 | 43 | 60 | 42 | 22 | 27 | 27 | 11 | 37 | 64 | 27 | 38 | 137 | 68 | 57 | 138 | 104 | 121 | 79 | 96 | 57 | 55 | 57 | 56 | 28 | 16 | 1715 |
| | MAX | 71 | 75 | 67 | 79 | 77 | 69 | 72 | 71 | 68 | 74 | 72 | 75 | 82 | 67 | 70 | 66 | 58 | 53 | 61 | 62 | 72 | 68 | - | - | 56 | 49 | 59 | 53 | 57 | 56 | 35 | 66.4 |
| | MIN | 46 | 52 | 57 | 59 | 50 | 47 | 47 | 51 | 51 | 49 | 49 | 58 | 59 | 59 | 43 | 42 | 43 | 37 | 41 | 48 | 48 | 46 | - | - | 35 | 39 | 46 | 39 | 30 | 35 | 30 | 46.6 |
| PEMBERTON 3 E | EVAP | .05 | .04 | .03 | .12 | .10 | .06 | .06 | .04 | .08 | .05 | .05 | .09 | .06 | .04 | .10 | .07 | .07 | .08 | .10 | .14 | .10 | .11 | .07 | .06 | .06 | .07 | .03 | .07 | .07 | .05 | .05 | 2.17 |
| | WIND | 11 | 33 | 32 | 22 | 44 | 6 | 20 | 25 | 8 | 18 | 16 | 17 | 25 | 15 | 29 | 16 | 10 | 18 | 10 | 16 | 43 | 25 | 36 | 18 | 9 | 7 | 19 | 23 | 18 | 13 | 13 | 621 |
| SEABROOK FARMS | EVAP | .13 | .11 | .03 | .18 | .18 | .14 | .11 | .10 | .05 | .15 | .13 | .01 | .10 | .03 | .14 | .12 | .06 | .14 | .13 | .13 | .18 | .18 | - | - | - | .02 | .08 | .12 | * | * | .25 | 3.32B |
| | MAX | 71 | 78 | 70 | 84 | 78 | 65 | 74 | 75 | 67 | 76 | 75 | 67 | 79 | 71 | 70 | 67 | 65 | 61 | 61 | 69 | 75 | 69 | 61 | 52 | 52 | 49 | 60 | 65 | 57 | 55 | 60 | 67.0 |
| | MIN | 48 | 53 | 60 | 60 | 49 | 45 | 45 | 52 | 55 | 51 | 51 | 57 | 60 | 60 | 45 | 43 | 43 | 41 | 39 | 47 | 52 | 45 | 36 | 32 | 34 | 37 | 37 | 43 | 37 | 35 | 36 | 46.1 |

# SNOWFALL AND SNOW ON GROUND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHARLOTTEBURG | SNOWFALL | | | | | | | | | | | | | | | | | | | | | | | T | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | T | | | | | | | | |
| MORRIS PLAINS 1 W | SNOWFALL | | | | | | | | | | | | | | | | | | | | | | | | T | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 5[illegible] | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 0[illegible] | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL A. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F DROPPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | HAROLD DUFLUCQ |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7[illegible] | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 0[illegible] | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 0[illegible] | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8[illegible] | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 0[illegible] | GLOUCESTER | 2 | 39 42 | 75 07 | 127 | 8[illegible] | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 0[illegible] | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8[illegible] | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8[illegible] | 8A | | | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 0[illegible] | MERCER | 10 | 40 17 | 74 31 | 100 | 6[illegible] | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 0[illegible] | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7[illegible] | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MI[illegible] | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6[illegible] | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A | | | ROBERT WELSH |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2S | 4987 | 0[illegible] | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7[illegible] | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 0[illegible] | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7[illegible] | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | [illegible] | 39 54 | 74 56 | 90 | | | | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 534[illegible] | 02 | ATLANTIC | [illegible] | 39 27 | 74 45 | 20 | | 9[illegible] | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 550[illegible] | 01 | BERGEN | [illegible] | 40 59 | 74 09 | 210 | | MI[illegible] | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 557[illegible] | 02 | CUMBERLAND | [illegible] | 39 24 | 75 03 | 72 | 9A | 9A | | H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | [illegible] | 39 22 | 75 04 | 68 | MID | MI[illegible] | | H | FED. AVIATION AGENCY |
| MILTON | 559[illegible] | 01 | MORRIS | [illegible] | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8[illegible] | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS. III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. + SWR.COMM. |
| OAK RIDGE RESERVOIR | 6463 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 | | 7A | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 2[illegible] | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 30[illegible] | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 9[illegible] | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 0[illegible] | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P | | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 0[illegible] | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 0[illegible] | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 0[illegible] | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO. JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 1[illegible] | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 1[illegible] | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | [illegible] | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | [illegible] | 41 01 | 74 03 | 103 | | MID | | | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5[illegible] | 5P | | | CREAM VALLEY DAIRY |
| SEPTEMBER 1969 | | | | | | | | | | | | |
| NEW STATION | | | | | | | | | | | | |
| SANDY HOOK | 7865 | 03 | MOMMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | US DEPT OF INTERIOR |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are. Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL. Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- - No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

  No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry

- + And also on an earlier date or dates
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- / Gage is equipped with a windshield
- B Adjusted to a full month
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing. if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month
- R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING.

- AR This entry in time of observation column in Station Index means after rain
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above

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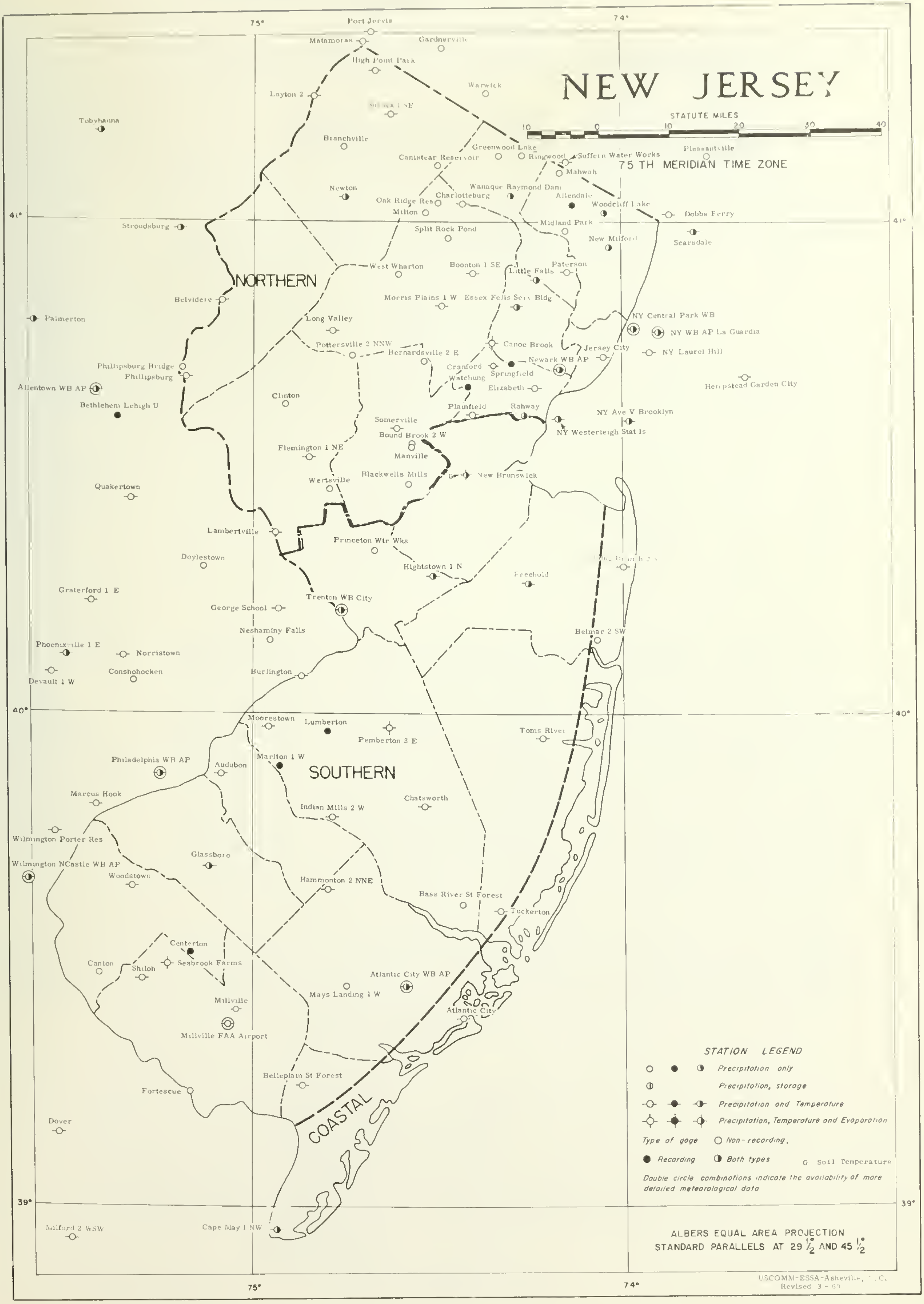
Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-12/5/69-880


NEW JERSEY
STATUTE MILES
10
0
10
20
30
40
75 TH MERIDIAN TIME ZONE
75°
74°
41°
40°
39°
NORTHERN
SOUTHERN
COASTAL
Port Jervis
Matamoras
Gardnerville
High Point Park
Warwick
Layton 2
Sussex 1 NE
Tobyhanna
Branchville
Greenwood Lake
Pleasantville
Canistear Reservoir
Ringwood
Suffern Water Works
Mahwah
Newton
Wanaque Raymond Dam
Allendale
Charlotteburg
Oak Ridge Res
Woodcliff Lake
Milton
Dobbs Ferry
Stroudsburg
Midland Park
Split Rock Pond
New Milford
Scarsdale
West Wharton
Boonton 1 SE
Paterson
Little Falls
Belvidere
Morris Plains 1 W
Essex Fells Serv Bldg
Palmerton
Long Valley
NY Central Park WB
NY WB AP La Guardia
Canoe Brook
Pottersville 2 NNW
Bernardsville 2 E
Jersey City
NY Laurel Hill
Newark WB AP
Cranford
Phillipsburg Bridge
Phillipsburg
Springfield
Watchung
Hempstead Garden City
Allentown WB AP
Elizabeth
Clinton
Bethlehem Lehigh U
Plainfield
Rahway
NY Ave V Brooklyn
Somerville
NY Westerleigh Stat Is
Bound Brook 2 W
Flemington 1 NE
Manville
Blackwells Mills
G
New Brunswick
Wertsville
Quakertown
Lambertville
Princeton Wtr Wks
Long Branch 2 S
Doylestown
Hightstown 1 N
Freehold
Graterford 1 E
Trenton WB City
George School
Neshaminy Falls
Belmar 2 SW
Phoenixville 1 E
Norristown
Conshohocken
Devault 1 W
Burlington
Moorestown
Lumberton
Pemberton 3 E
Toms River
Philadelphia WB AP
Audubon
Marlton 1 W
Marcus Hook
Chatsworth
Indian Mills 2 W
Wilmington Porter Res
Glassboro
Wilmington NCastle WB AP
Woodstown
Hammonton 2 NNE
Bass River St Forest
Tuckerton
Centerton
Canton
Shiloh
Seabrook Farms
Atlantic City WB AP
Mays Landing 1 W
Millville
Atlantic City
Millville FAA Airport
STATION LEGEND
○ ● ◑ Precipitation only
◑ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
-○- -●- -◑- Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording
◑ Both types
G Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
Belleplain St Forest
Fortescue
Dover
Milford 2 WSW
Cape May 1 NW
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
USCOMM-ESSA-Asheville, N.C.
Revised 3-69

5

A UNITED STATES
DEPARTMENT OF
**COMMERCE**
**PUBLICATION**

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
NOVEMBER 1969
Volume 74 No. 11

THE LIBRARY OF THE
FEB 5 1970
UNIVERSITY OF ILLINOIS

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| 8ELVIOERE | 51.1 | 31.3 | 41.2 | - 1.6 | 65 | 4 | 16 | 22+ | 706 | 0 | 1 | 17 | 0 | 3.36 | - .50 | .69 | 20+ | .3 | 0 | | 7 | 4 | 0 |
| 8OONTON 1 SE | 50.7 | 33.2 | 42.0 | - .5 | 67 | 4 | 20 | 25 | 685 | 0 | 0 | 14 | 0 | 4.45 | .43 | 1.69 | 6 | T | 0 | | 8 | 3 | 1 |
| CANOE 8ROOK | 51.7 | 31.8 | 41.8 | - 1.2 | 67 | 4 | 12 | 22 | 694 | 0 | 0 | 16 | 0 | 3.03 | - 1.07 | .91 | 6 | T | 0 | | 7 | 3 | 0 |
| CHARLOTTE8URG | M | 30.9 | M | | 63 | 4 | 16 | 22 | | 0 | 1 | 16 | 0 | 5.38 | .89 | 1.59 | 6 | .0 | 0 | | 8 | 4 | 3 |
| CRANFORO | 53.5 | 35.3 | 44.4 | | 70 | 3 | 18 | 22 | 610 | 0 | 0 | 14 | 0 | 3.30 | | .85 | 6 | T | T | 30 | 7 | 2 | 0 |
| ELIZA8ETH | 54.0 | 35.2 | 44.6 | - 1.1 | 68 | 4 | 18 | 23 | 605 | 0 | 0 | 14 | 0 | 2.93 | - .95 | .60 | 2 | .0 | 0 | | 10 | 1 | 0 |
| ESSEX FELLS SERV 8LOG | 50.9 | 33.0 | 42.0 | | 66 | 4 | 16 | 22 | 686 | 0 | 0 | 15 | 0 | 3.21 | | .96 | 3 | .0 | 0 | | 6 | 3 | 0 |
| FLEMINGTON 1 NE | 51.6 | 31.1 | 41.4 | - 2.9 | 69 | 4 | 14 | 22 | 706 | 0 | 0 | 16 | 0 | 3.45 | - .29 | 1.42 | 6 | T | 0 | | 7 | 2 | 1 |
| HIGH POINT PARK | 44.5M | 27.8M | 36.2M | | 58 | 5+ | 10 | 22+ | 855 | 0 | 2 | | 0 | 0 3.21 | | 1.20 | 24 | 6.1 | 5 | 6 | 8 | 1 | 1 |
| JERSEY CITY | 51.1 | 39.3 | 45.2 | - .5 | 65 | 3 | 24 | 22 | 587 | 0 | 0 | 9 | 0 | 2.70 | - .72 | .77 | 5 | .0 | 0 | | 8 | 1 | 0 |
| LAM8ERTVILLE | 53.9 | 34.1 | 44.0 | - .4 | 71 | 3 | 17 | 22 | 623 | 0 | 0 | 14 | 0 | 2.94 | - .77 | .79 | 6 | T | T | 30 | 7 | 2 | 0 |
| LAYTON 2 | 49.1 | 28.9 | 39.0 | | 62 | 4 | 11 | 22 | 773 | 0 | 1 | 19 | 0 | 4.99 | | 1.50 | 6 | .0 | 0 | | 11 | 4 | 2 |
| LITTLE FALLS | 51.9 | 35.8 | 43.9 | - .7 | 67 | 4 | 20 | 22 | 628 | 0 | 0 | 12 | 0 | 3.60 | - .68 | .96 | 6 | .0 | 0 | | 7 | 3 | 0 |
| LONG VALLEY | 49.1 | 30.5 | 39.8 | | 65 | 4 | 14 | 22 | 748 | 0 | 0 | 17 | 0 | 4.36 | .11 | 1.57 | 6 | .0 | 0 | | 9 | 3 | 1 |
| MORRIS PLAINS 1 W | 50.5 | 31.3 | 40.9 | | 66 | 4 | 15 | 22 | 717 | 0 | 0 | 17 | 0 | 4.80 | | 2.04 | 6 | T | 0 | | 8 | 3 | 2 |
| NEWARK W8 AIRPORT R | 52.2 | 38.7 | 45.5 | .1 | 69 | 3 | 24 | 22 | 575 | 0 | 0 | 9 | 0 | 2.80 | - .57 | .85 | 5 | T | 0 | | 8 | 1 | 0 |
| NEWTON | 48.3 | 30.6 | 39.5 | - 1.7 | 64 | 4 | 14 | 22 | 757 | 0 | 1 | 17 | 0 | 4.32 | .69 | 1.14 | 20 | T | 0 | | 8 | 4 | 2 |
| PATERSON | 52.3 | 36.7 | 44.5 | - .6 | 67 | 5 | 22 | 22 | 606 | 0 | 0 | 11 | 0 | 4.18 | .14 | 1.15 | 6 | T | 0 | | 8 | 3 | 1 |
| PHILLIPS8URG | 56.3 | 32.8 | 44.6 | 1.2 | 68 | 3 | 17 | 22 | 609 | 0 | 0 | 15 | 0 | 2.02 | - 1.65 | .64 | 6 | .0 | 0 | | 7 | 1 | 0 |
| PLAINFIELO | 51.7 | 35.7 | 43.7 | - 1.1 | 70 | 3 | 18 | 22 | 634 | 0 | 0 | 14 | 0 | 2.61 | - 1.22 | .48 | 5 | .6 | 0 | | 8 | 0 | 0 |
| SOMERVILLE | 52.9 | 33.7 | 43.3 | - .6 | 70 | 3 | 15 | 22 | 644 | 0 | 0 | 14 | 0 | 2.41 | - 1.25 | .61 | 6 | .2 | 0 | | 7 | 2 | 0 |
| SUSSEX 1 SE | 47.9 | 26.5 | 37.2 | - 4.8 | 63 | 4 | 11 | 22 | 826 | 0 | 0 | 20 | 0 | 3.81 | .00 | 1.01 | 6 | .0 | 0 | | 9 | 2 | 1 |
| OIVISION | | | 42.1 | - 1.4 | | | | | | | | | | 3.54 | - .34 | | | .3 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY W8 AP | 52.1 | 35.7 | 43.9 | - 2.8 | 65 | 3 | 18 | 22 | 626 | 0 | 0 | 14 | 0 | 4.28 | .62 | 1.33 | 9 | T | 0 | | 10 | 2 | 1 |
| AUOU8ON | 54.3 | 36.9 | 45.6 | | 71 | 3 | 20 | 22 | 574 | 0 | 0 | 12 | 0 | 2.23 | | .54 | 19 | T | 0 | | 8 | 1 | 0 |
| 8ELLEPLAIN ST FOREST | 54.8 | 34.3 | 44.6 | | 66 | 19 | 14 | 22 | 607 | 0 | 0 | 16 | 0 | 3.61 | - .42 | 1.15 | 9 | .0 | 0 | | 7 | 3 | 1 |
| 8URLINGTON | 53.3M | 38.3M | 45.8M | - .8 | 66 | 19 | 25 | 27+ | 604 | 0 | 0 | | 0 | 1.42 | - 2.24 | .68 | 6 | .0 | 0 | | 4 | 1 | 0 |
| CHATSWORTH | 55.9 | 32.9 | 44.4 | | 70 | 3 | 12 | 22 | 611 | 0 | 0 | 16 | 0 | 3.26 | | .96 | 6 | .0 | 0 | | 6 | 3 | 0 |
| FREEHOLO | 52.1 | 34.6 | 43.4 | - 2.1 | 70 | 4 | 16 | 22 | 640 | 0 | 0 | 14 | 0 | 3.58 | - .38 | 1.06 | 6 | .0 | 0 | | 8 | 3 | 1 |
| GLASS8ORO | 53.5 | 35.1 | 44.3 | | 68 | 4 | 18 | 22 | 615 | 0 | 0 | 14 | 0 | 2.49 | | .80 | 8 | .0 | 0 | | 8 | 2 | 0 |
| HAMMONTON 2 NNE | 55.7 | 34.3 | 45.0 | - 1.7 | 69 | 4 | 19 | 27 | 591 | 0 | 0 | 14 | 0 | 2.91 | - .83 | .86 | 9 | .0 | 0 | | 6 | 4 | 0 |
| HIGHTSTOWN 1 N | 52.9 | 35.2 | 44.1 | - 1.1 | 69 | 3 | 18 | 22 | 623 | 0 | 0 | 13 | 0 | 2.73 | - .66 | .72 | 20 | T | 0 | | 9 | 2 | 0 |
| INOIAN MILLS 2 W | 53.7 | 33.6 | 43.7 | - 1.5 | 68 | 3 | 12 | 22 | 632 | 0 | 0 | 13 | 0 | 2.79 | - .92 | .87 | 9 | T | 0 | | 7 | 3 | 0 |
| MILLVILLE | 55.2M | 36.4M | 45.8M | | 69 | 2 | 16 | 22 | 569 | 0 | 0 | | 0 | 2.72 | | .83 | 9 | .0 | 0 | | 6 | 3 | 0 |
| MILLVILLE FAA AIRPORT | 52.5 | 35.5 | 44.0 | | 67 | 3 | 15 | 22 | 624 | 0 | 0 | 13 | 0 | 2.10 | | .75 | 9 | T | 0 | | 5 | 1 | 0 |
| MOORESTOWN | | | | | | | | | | | | | | | | | | | | | | | |
| NEW 8RUNSWICK | 51.6 | 35.9 | 43.8 | | 69 | 4 | 19 | 22 | 632 | 0 | 0 | 14 | 0 | 2.59 | | .76 | 6 | T | T | 16 | 7 | 2 | 0 |
| PEM8ERTON 3 E | 54.4 | 34.5 | 44.5 | - 1.8 | 71 | 3 | 18 | 25+ | 608 | 0 | 0 | 13 | 0 | 2.89 | - .62 | .72 | 6 | T | 0 | | 7 | 3 | 0 |
| SEA8ROOK FARMS | 53.5 | 34.9 | 44.2 | | 67 | 2 | 18 | 22 | 614 | 0 | 0 | 14 | 0 | 2.23 | | .67 | 9 | .0 | 0 | | 6 | 2 | 0 |
| SHILOH | 54.0 | 35.8 | 44.9 | - 1.4 | 66 | 3 | 20 | 22 | 596 | 0 | 0 | 12 | 0 | 2.26 | - 1.47 | .70 | 9 | .0 | 0 | | 6 | 2 | 0 |
| TOMS RIVER | 53.4 | 32.8 | 43.1 | | 70 | 4 | 15 | 22 | 648 | 0 | 0 | 15 | 0 | 4.68 | | 1.08 | 6 | .0 | 0 | | 9 | 5 | 1 |
| TRENTON W8 CITY R | 51.9 | 38.9 | 45.4 | - .4 | 69 | 3 | 24 | 22 | 580 | 0 | 0 | 10 | 0 | 2.13 | - 1.03 | .59 | 19 | .2 | 0 | | 6 | 2 | 0 |
| TUCKERTON | 54.1 | 35.7 | 44.9 | | 70 | 3 | 15 | 22 | 594 | 0 | 0 | 15 | 0 | 4.44 | | 1.00 | 9 | T | 0 | | 9 | 4 | 1 |
| WOOOSTOWN | 54.6 | 35.1 | 44.9 | | 68 | 3 | 17 | 22 | 598 | 0 | 0 | 12 | 0 | 2.24 | | .77 | 9 | T | 0 | | 4 | 2 | 0 |
| OIVISION | | | 44.5 | - 1.2 | | | | | | | | | | 2.88 | - .86 | | | T | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 53.9 | 41.7 | 47.8 | - .5 | 66 | 3 | 26 | 22 | 509 | 0 | 0 | 3 | 0 | 4.56 | .77 | 1.66 | 9 | | | | 10 | 3 | 1 |
| CAPE MAY 1 NW | 53.0 | 39.1 | 46.1 | | 65 | 4+ | 21 | 21 | 560 | 0 | 0 | 7 | 0 | 3.43 | | .95 | 3 | .0 | 0 | | 8 | 3 | 0 |
| LONG 8RANCH 2S | 53.0 | 37.3 | 45.2 | - .5 | 67 | 3 | 19 | 22 | 588 | 0 | 0 | 11 | 0 | 4.19 | .38 | .69 | 6 | T | 0 | | 9 | 3 | 0 |
| SANOY HOOK | 53.0M | 39.5M | 46.3M | | 65 | 3 | 29 | 27+ | | 0 | 0 | | 0 | 3.10 | | .70 | 7 | .0 | 0 | | 8 | 3 | 0 |
| OIVISION | | | 46.4 | - 1.0 | | | | | | | | | | 3.82 | .23 | | | T | | | | | |

## EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>3 STATIONS | 71 | OATE | 03 |
| LOWEST TEMPERATURE<br>HIGH POINT PARK | 10 | OATE | 22+ |
| GREATEST TOTAL PRECIPITATION<br>MILTON | 5.90 | | |
| LEAST TOTAL PRECIPITATION<br>8URLINGTON | 1.42 | | |
| GREATEST 1 OAY PRECIPITATION<br>MILTON | 2.20 | OATE | 06 |
| GREATEST TOTAL SNOWFALL<br>HIGH POINT PARK | 6.1 | | |
| GREATEST OEPTH OF SNOW<br>HIGH POINT PARK | 5 | OATE | 06 |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 3.36 | | .06 | .64 | .04 | | .69 | .03 | .52 | .19 | .02 | | | .22 | .03 | .20 | T | | | | .69 | T | | | .03 | | | | | | | . |
| BERNARDSVILLE 2 E | 3.63 | | .09 | .65 | .02 | | 1.44 | .17 | .14 | .33 | .03 | | | .10 | .04 | .04 | | | | | .54 | | | | .04 | | | | | | | . |
| BLACKWELLS MILLS | 2.53 | | .03 | .48 | | | .70 | .04 | .03 | .37 | .01 | | | .08 | .14 | .09 | .01 | | | | .55 | | | | | | | | | | | . |
| BOONTON 1 SE | 4.45 | | .12 | .95 | .03 | | 1.69 | .13 | .40 | .25 | T | | | .23 | .08 | T | T | | | T | .57 | | | | T | | T | | | | | . |
| BOUND BROOK 2 W | 2.35 | | .30 | .32 | T | | .71 | .01 | T | .29 | | | | .08 | .07 | .07 | .02 | | | | .48 | | | | T | | | | | | | . |
| BRANCHVILLE | 4.51 | | .05 | .58 | | | 1.37 | .09 | .53 | .17 | .02 | | | .21 | .01 | .22 | T | | | | 1.26 | | | | T | | T | | | | | . |
| CANISTEAR RESERVOIR | 4.46 | | .23 | .64 | T | | 1.34 | .12 | .57 | .25 | .03 | | | .15 | T | .03 | .05 | | | | 1.03 | | | | .02 | | | | | | | . |
| CANOE BROOK | 3.03 | | .12 | .69 | .02 | | .91 | .06 | .13 | .34 | .02 | | | .11 | .09 | T | T | | | | .54 | | | | T | | | | | | | . |
| CHARLOTTEBURG | 5.38 | | .21 | 1.38 | .02 | | 1.59 | .13 | .54 | .28 | .02 | | | .13 | .01 | .04 | T | | | | 1.03 | | | | T | | | | | | | . |
| CLINTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| CRANFORD | 3.30 | | .28 | .45 | | .49 | .85 | .23 | .01 | .30 | | T | .03 | .02 | .09 | | | | | | .55 | | | | T | | | | | | T | . |
| ELIZABETH | 2.93 | | .60 | .12 | | .35 | .37 | .20 | .30 | T | T | T | .20 | .15 | .15 | .01 | | | | | .47 | | .01 | | | | | | | | | . |
| ESSEX FELLS SERV BLDG | 3.21 | | | .96 | .02 | | .90 | .05 | .12 | .32 | .02 | | | .12 | .07 | | | | | | .63 | | | | T | T | | | | | | . |
| FLEMINGTON 1 NE | 3.45 | | .10 | .69 | .04 | | 1.42 | .10 | .08 | .30 | .02 | | | .15 | .07 | | | T | | | .48 | | | | T | | | | T | | | . |
| GREENWOOD LAKE | 5.61 | | .16 | .82 | .03 | .02 | 1.87 | .15 | .62 | .30 | .02 | | | .15 | .03 | .08 | .02 | | | | 1.30 | | | | .03 | | .01 | | | | | . |
| HIGH POINT PARK | D 3.21 | | | .47 | | | .26 | .20 | .22 | .30 | .20 | | | .16 | .05D | .05D | .05 | | | | .05 | | | | 1.20 | | | | T | T | T | . |
| JERSEY CITY | 2.70 | | .35 | T | T | .77 | .23 | .21 | T | .34 | T | | .20 | | .17 | | | | | .43 | T | | | T | T | | | | | | T | . |
| LAMBERTVILLE | 2.94 | | .32 | .10 | T | .26 | .79 | .09 | T | .37 | | | .13 | .02 | .07 | .06 | | | | .01 | .72 | | | | T | | | | | | T | . |
| LAYTON 2 | 4.99 | | .14 | .62 | .04 | .04 | 1.50 | .11 | .52 | .13 | .09 | | | .12 | .11 | .24 | | | | | 1.23 | | | | | | .10 | | | | | . |
| LITTLE FALLS | 3.60 | | .22 | .94 | .02 | | .96 | .05 | .19 | .24 | | | | .13 | .08 | T | | | | | .76 | | | | .01 | | | | | | | . |
| LONG VALLEY | 4.36 | | .15 | .62 | .02 | | 1.57 | .16 | .26 | .29 | .02 | | | .18 | .04 | .12 | | | | .01 | .89 | | | | .03 | | | | | | | . |
| MAHWAH | 4.99 | | .13 | .77 | .03 | | 1.78 | .06 | .49 | .27 | .02 | | | .19 | .10 | .05 | .01 | | | | 1.08 | | | | .01 | | T | | | | | . |
| MIDLAND PARK | 4.70 | | 1.08 | .04 | .03 | 1.37 | .20 | .27 | .20 | .18 | | | .22 | | .20 | | | | | .81 | .07 | | | .01 | | | | | | | .02 | . |
| MILTON | 5.90 | | .20 | 1.05 | | | 2.20 | .20 | .50 | .27 | .08 | | | .15 | .04 | .07 | | | | .05 | 1.04 | | | | .05 | | | | | | | . |
| MORRIS PLAINS 1 W | 4.80 | | .20 | 1.00 | .02 | T | 2.04 | .17 | .23 | .26 | T | T | | .13 | .04 | .07 | T | | | T | .64 | T | T | | T | | | | | | | . |
| NEWARK WB AIRPORT R | 2.80 | | .48 | .06 | T | .85 | .29 | .16 | .02 | .21 | T | | .15 | | .14 | | | | | .34 | .08 | | | T | T | | | | | | .02 | . |
| NEW MILFORD | 3.31 | | .56 | .11 | | .85 | .15 | .40 | .03 | .22 | | | .19 | | .20 | | | | | .48 | .12 | | | | | | | | | | | . |
| NEWTON | 4.32 | | .02 | .69 | .02 | | 1.03 | .11 | .50 | .28 | .01 | | | .20 | .02 | .21 | .06 | | | | 1.14 | | | | .03 | | T | | | | | . |
| OAK RIDGE RESERVOIR | 5.79 | | .12 | .96 | .04 | | 2.10 | .31 | .57 | .33 | | | | .19 | .04 | .06 | .07 | | | | .89 | | | | .11 | | | | | | | . |
| PATERSON | 4.18 | | .22 | .90 | .02 | T | 1.15 | .05 | .31 | .25 | .01 | T | | .17 | .32 | | T | | | | .75 | T | T | | .03 | | | | | | | . |
| PHILLIPSBURG | 2.02 | | | .17 | | .30 | .64 | .02 | .28 | .30 | | | .12 | .05 | .04 | | | | | | | | | | .10 | | | | | | | . |
| PHILLIPSBURG BRIDGE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| PLAINFIELD | 2.61 | | .26 | .20 | .01 | .48 | .45 | .06 | .03 | .28 | | | .10 | | .09 | .05 | | | | .13 | .40 | | | | .01 | | | | | | .06 | . |
| POTTERSVILLE 2 NNW | 3.82 | | .08 | .46 | | | 1.67 | .09 | .12 | .28 | .02 | | | .15 | .09 | .07 | | | | | .72 | | | | .07 | | | | | | | . |
| RAHWAY | 2.34 | | .31 | .03 | | .74 | .16 | .02 | .05 | .20 | | | .13 | .15 | | | | | | .41 | .09 | | | T | | | | | | | .05 | . |
| RINGWOOD | 5.01 | | .19 | .71 | .02 | .26 | 1.56 | .03 | .59 | .24 | T | | | | .16 | T | | | | | 1.25 | | | | T | | | | | | | . |
| SOMERVILLE | 2.41 | | .28 | .16 | .02 | .24 | .61 | .03 | .03 | .30 | | | .12 | .08 | | .02 | | | | | .50 | | | | T | | | | | | .02 | . |
| SPLIT ROCK POND | 5.69 | | .18 | 1.19 | .07 | | 1.91 | .22 | .58 | .25 | .05 | | | .13 | .09 | .07 | | | | | .94 | | | | .01 | | | | | | | . |
| SUSSEX 1 SE | 3.81 | | .05 | .45 | .01 | | 1.01 | .13 | .45 | .22 | .10 | | | .23 | | .16 | .04 | | | | .94 | | | | .01 | | .01 | | | | | . |
| WANAQUE RAYMOND DAM | 4.25 | | .19 | .82 | .03 | | 1.36 | .05 | .43 | .18 | T | | | .14 | .05 | T | | | | | 1.00 | | | | | | | | | | | . |
| WERTSVILLE | 2.80 | | .08 | .46 | T | | .87 | .04 | .04 | .40 | .01 | | | .11 | .07 | .05 | T | | | | .66 | .01 | | | T | | | | | T | | . |
| WEST WHARTON | 5.62 | | .16 | 1.35 | | | 1.97 | .21 | .56 | .21 | .01 | | | .14 | .04 | .05 | .04 | | | | .84 | T | | | .04 | | T | | | | | . |
| WOODCLIFF LAKE | 3.98 | | .58 | .17 | | 1.20 | .18 | .27 | .16 | .25 | | | .22 | | .13 | .07 | | | | .62 | .13 | | | | | | | | | | | . |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 4.28 | | .78 | .03 | | .45 | .11 | T | .40 | 1.33 | .42 | | .2[illegible] | .02 | .12 | T | | | | .18 | .18 | | | T | T | | T | | | | T | . |
| AUDUBON | 2.23 | | .18 | .07 | | .37 | .16 | T | .13 | .46 | T | | .15 | | .06 | T | | | | .54 | .11 | | | | | | | | | | T | . |
| BASS RIVER ST FOREST | 4.14 | | | .77 | | | | .72 | | | 1.11 | .61 | | .31 | .19 | .06 | | | | | .36 | | | | | | .01 | | | | | . |
| BELLEPLAIN ST FOREST | 3.61 | | .06 | .50 | .04 | .07 | .55 | T | | 1.15 | .36 | | .25 | .02 | .14 | | | | | | .47 | | | | | | | | | | | . |
| BURLINGTON | 1.42 | | .13 | | | .20 | .68 | .36 | | | | | | | .05 | | | | | | | | | | | | | | | | | . |
| CANTON | 1.71 | | .02 | .07 | | | .26 | | | .55 | | .05 | .01 | | | | | | | | .75 | | | | | | | | | | | . |
| CHATSWORTH | 3.26 | | .06 | .57 | | | .96 | | | .85 | .36 | | .26 | .02 | .18 | | | | | | | | | | | | | | | | | . |
| FORTESCUE | 2.15 | | .23 | | | .35 | | | .70 | | | | .27 | | | | | | | | .60 | | | | | | | | | | | . |
| FREEHOLD | 3.58 | T | T | .28 | .02 | | 1.06 | .06 | .21 | .68 | T | .10 | | .18 | .27 | | | | | | .72 | | | | | | | | | | | . |
| GLASSBORO | 2.49 | | .12 | | | .35 | .13 | .16 | .80 | .05 | | | .18 | | T | | | | | .55 | .15 | | | | | | | | | | | . |
| HAMMONTON 2 NNE | 2.91 | | | .52 | | .02 | | | .64 | .86 | | | | .21 | .15 | | | | | | .51 | | | | | | | | | | | . |
| HIGHTSTOWN 1 N | 2.73 | | .13 | .19 | | .25 | .57 | .15 | T | .48 | .01 | | .13 | T | .10 | T | | | | | .72 | | | | | | | | | | T | . |
| INDIAN MILLS 2 W | 2.79 | | .03 | .26 | | .11 | .54 | T | T | .87 | T | | .20 | | .15 | T | | | | T | .63 | | | | | | T | | | | | . |
| MAYS LANDING 1 W | 3.80 | | | .75 | T | | .53 | .01 | T | 1.28 | .10 | .17 | | .27 | .21 | .01 | | | | | .47 | | | | | | T | | | | | . |
| MILLVILLE | 2.72 | | .03 | .35 | | | .57 | .10 | .05 | .83 | T | | | .20 | .07 | | | | | | .52 | | | | | | | | | | | . |
| MILLVILLE FAA AIRPORT | 2.10 | | .34 | .02 | | .07 | .10 | .03 | .04 | .75 | .02 | | .19 | T | .03 | T | | | | .41 | .03 | | | | | | .07 | | | | T | . |
| MOORESTOWN | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| NEW BRUNSWICK | 2.59 | | .14 | .29 | .01 | | .76 | .05 | .07 | .43 | .02 | | | .13 | .13 | | T | | | | .56 | | | | T | | | | | | | . |
| PEMBERTON 3 E | 2.89 | | .02 | .32 | | .15 | .72 | .07 | .04 | .61 | .02 | T | .16 | .04 | .13 | T | | | | | .61 | | | | | | | | | | | . |
| PRINCETON WATER WORKS | 2.26 | | .36 | T | T | .53 | .05 | .08 | .01 | .36 | T | | .13 | | .14 | | | | | .53 | .07 | | | T | | | T | | | | T | . |
| SEABROOK FARMS | 2.23 | | T | .11 | | | .48 | .05 | .10 | .67 | .01 | .02 | .01 | .17 | .01 | .01 | | | T | | .59 | | | | T | | T | | | | | . |
| SHILOH | 2.26 | | .03 | .09 | | .03 | .40 | .03 | .10 | .70 | .12 | | .15 | .01 | | | | | | | .60 | | | | | | | | | | | . |
| TOMS RIVER | 4.68 | | | .61 | .02 | | 1.08 | .02 | .20 | .82 | .16 | .74 | | .26 | .23 | | | | | | .54 | | | | | | | | | | | . |
| TRENTON WB CITY R | 2.13 | | .27 | T | | .51 | .10 | .01 | .10 | .31 | T | | .08 | | .09 | T | | | | .59 | .05 | | | | | | | | | | .02 | . |
| TUCKERTON | 4.44 | | .03 | .61 | .01 | .25 | .54 | .07 | T | 1.00 | .76 | T | .32 | T | .24 | .15 | | | | T | .46 | | | | T | | T | | | | T | . |
| WOODSTOWN | 2.24 | | .05 | .08 | | .03 | .35 | .06 | .01 | .77 | .05 | | .13 | | .02 | .04 | | | | T | .65 | | | | | | T | | | | | . |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 4.56 | | .72 | .02 | | .23 | .15 | | .62 | 1.66 | .47 | | .32 | .01 | .13 | | | | | .11 | .12 | | | | | | | | | | | . |
| CAPE MAY 1 NW | 3.43 | | .01 | .95 | .01 | | .28 | .02 | | .71 | .15 | .22 | T | .30 | .15 | | | | | | .63 | | | | | | | | | | | . |
| LONG BRANCH 2S | 4.19 | | .04 | .45 | .02 | .64 | .69 | .08 | .31 | .47 | .39 | | .1[illegible] | .02 | .23 | T | | | | | .67 | | | | | | T | | | | | . |
| SANDY HOOK | 3.10 | | | .23 | T | .25 | .66 | .70 | | | .30 | | .12 | .06 | .28 | | | | T | | .50 | T | | | | T | | | | | | . |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | Standard of Time EASTERN | | | | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| | | | | | | | 01 | 07 | 13 | 19 | | | | | | | | | |
| ATLANTIC CITY WB AIRPORT | 29 | 3.4 | 10.5 | 28++ | 31 | 20+ | 85 | 88 | 62 | 78 | 6 | 2 | 8 | 1 | 1 | 0 | 18 | 48 | 6.5 |
| ATLANTIC CITY ST. MARINA | - | - | - | 38 | SW | 14 | - | - | - | - | 0 | 2 | 7 | 2 | 1 | 0 | 12 | - | - |
| NEWARK WB AIRPORT | 28 | 3.5 | 10.2 | 25++ | 21 | 14+ | 68 | 71 | 57 | 64 | 4 | 4 | 7 | 1 | 0 | 0 | 16 | - | 6.9 |
| TRENTON WB CITY | - | - | - | 29 | S | 19 | - | - | - | - | 3 | 5 | 4 | 2 | 0 | 0 | 14 | 45 | 6.5 |

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 62 | 58 | 60 | 65 | 62 | 47 | 44 | 51 | 55 | 62 | 64 | 64 | 51 | 52 | 49 | 32 | 44 | 51 | 58 | 62 | 39 | 36 | 39 | 48 | 47 | 48 | 51 | 45 | 47 | 41 | | 51.1 |
| | MIN | 26 | 48 | 53 | 49 | 42 | 39 | 38 | 34 | 39 | 48 | 43 | 43 | 32 | 36 | 28 | 20 | 20 | 28 | 37 | 28 | 16 | 16 | 22 | 29 | 18 | 22 | 18 | 23 | 22 | 22 | | 31.3 |
| BOONTON 1 SE | MAX | 58 | 58 | 60 | 67 | 63 | 47 | 42 | 52 | 57 | 53 | 56 | 53 | 48 | 52 | 52 | 39 | 41 | 50 | 58 | 61 | 40 | 36 | 37 | 57 | 44 | 48 | 50 | 46 | 47 | 49 | | 50.7 |
| | MIN | 36 | 48 | 54 | 51 | 45 | 38 | 39 | 37 | 42 | 48 | 46 | 36 | 37 | 39 | 34 | 21 | 21 | 24 | 32 | 33 | 26 | 21 | 23 | 30 | 20 | 24 | 22 | 24 | 22 | 24 | | 33.2 |
| CANOE BROOK | MAX | 58 | 58 | 62 | 67 | 65 | 48 | 44 | 51 | 58 | 54 | 55 | 56 | 50 | 49 | 53 | 40 | 44 | 52 | 58 | 62 | 43 | 37 | 39 | 58 | 42 | 49 | 54 | 47 | 48 | 51 | | 51.7 |
| | MIN | 32 | 42 | 51 | 55 | 45 | 36 | 38 | 37 | 42 | 44 | 43 | 36 | 35 | 37 | 33 | 22 | 22 | 24 | 30 | 32 | 23 | 12 | 25 | 28 | 20 | 23 | 19 | 22 | 22 | 25 | | 31.8 |
| CHARLOTTEBURG | MAX | 54 | 55 | 56 | 63 | | | | | | | | | | | 49 | 35 | 39 | 48 | 54 | 59 | 37 | 32 | 36 | 57 | 41 | 47 | 47 | 43 | 45 | 46 | | |
| | MIN | 30 | 44 | 50 | 51 | 42 | 34 | 35 | 35 | 41 | 44 | 43 | 36 | 35 | 35 | 33 | 23 | 20 | 21 | 32 | 30 | 23 | 16 | 19 | 28 | 20 | 20 | 21 | 21 | 22 | 23 | | 30.9 |
| CRANFORD | MAX | 58 | 60 | 70 | 66 | 59 | 44 | 51 | 56 | 54 | 56 | 57 | 53 | 54 | 50 | 52 | 43 | 52 | 58 | 64 | 61 | 36 | 39 | 59 | 57 | 50 | 52 | 49 | 49 | 51 | 44 | | 53.5 |
| | MIN | 43 | 52 | 55 | 50 | 40 | 37 | 40 | 39 | 47 | 50 | 48 | 39 | 38 | 42 | 31 | 25 | 22 | 29 | 38 | 31 | 26 | 18 | 26 | 41 | 21 | 28 | 22 | 28 | 24 | 30 | | 35.3 |
| ELIZABETH | MAX | 58 | 66 | 63 | 68 | 53 | 51 | 53 | 59 | 55 | 57 | 58 | 53 | 54 | 50 | 53 | 45 | 52 | 60 | 63 | 61 | 39 | 39 | 57 | 62 | 49 | 48 | 50 | 50 | 52 | 43 | | 54.0 |
| | MIN | 35 | 53 | 55 | 53 | 41 | 37 | 42 | 39 | 48 | 44 | 48 | 39 | 42 | 42 | 30 | 24 | 23 | 31 | 45 | 35 | 25 | 25 | 18 | 28 | 24 | 22 | 27 | 30 | 26 | 25 | | 35.2 |
| ESSEX FELLS SERV BLDG | MAX | 56 | 58 | 60 | 66 | 65 | 47 | 47 | 52 | 56 | 53 | 55 | 53 | 50 | 54 | 52 | 40 | 40 | 49 | 57 | 61 | 43 | 36 | 38 | 56 | 48 | 49 | 51 | 46 | 45 | 43 | | 50.9 |
| | MIN | 40 | 48 | 54 | 50 | 43 | 33 | 37 | 34 | 42 | 46 | 46 | 36 | 30 | 39 | 31 | 22 | 22 | 28 | 42 | 30 | 19 | 16 | 25 | 34 | 21 | 28 | 23 | 23 | 23 | 25 | | 33.0 |
| FLEMINGTON 1 NE | MAX | 60 | 60 | 60 | 69 | 60 | 44 | 44 | 51 | 55 | 54 | 60 | 55 | 49 | 53 | 52 | 37 | 44 | 52 | 59 | 64 | 40 | 37 | 39 | 60 | 47 | 49 | 51 | 49 | 48 | 47 | | 51.6 |
| | MIN | 30 | 46 | 56 | 48 | 44 | 38 | 40 | 37 | 42 | 50 | 42 | 33 | 37 | 37 | 31 | 19 | 18 | 21 | 33 | 32 | 24 | 14 | 21 | 26 | 17 | 19 | 18 | 19 | 18 | 23 | | 31.1 |
| HIGH POINT PARK | MAX | 51 | 49 | 55 | 58 | 58 | 40 | 37 | 51 | 48 | 51 | | | 46 | 51 | 51 | 39 | 38 | 42 | 47 | 52 | 32 | 29 | 36 | 48 | 38 | 43 | 42 | 40 | 37 | 38 | | 44.5 |
| | MIN | 33 | 42 | 44 | 45 | 35 | 29 | 30 | 36 | 37 | 40 | | | 29 | 34 | 24 | 15 | 21 | 32 | 37 | 21 | 10 | 10 | 22 | 30 | 18 | 27 | 23 | 19 | 18 | 17 | | 27.8 |
| JERSEY CITY | MAX | 55 | 60 | 65 | 64 | 54 | 43 | 50 | 55 | 53 | 54 | 56 | 51 | 54 | 49 | 45 | 44 | 48 | 55 | 59 | 52 | 35 | 39 | 56 | 53 | 48 | 52 | 46 | 47 | 50 | 41 | | 51.1 |
| | MIN | 49 | 50 | 55 | 54 | 37 | 38 | 41 | 43 | 49 | 48 | 50 | 48 | 40 | 43 | 29 | 27 | 30 | 40 | 52 | 32 | 29 | 24 | 37 | 34 | 30 | 37 | 33 | 35 | 32 | 32 | | 39.3 |
| LAMBERTVILLE | MAX | 63 | 61 | 71 | 62 | 51 | 46 | 50 | 57 | 54 | 60 | 56 | 51 | 64 | 50 | 52 | 45 | 55 | 62 | 65 | 60 | 37 | 41 | 61 | 51 | 50 | 52 | 48 | 52 | 48 | 41 | | 53.9 |
| | MIN | 40 | 54 | 55 | 51 | 41 | 39 | 41 | 37 | 42 | 51 | 40 | 35 | 34 | 41 | 29 | 25 | 22 | 28 | 41 | 32 | 26 | 17 | 26 | 33 | 20 | 29 | 21 | 23 | 24 | 26 | | 34.1 |
| LAYTON 2 | MAX | 55 | 56 | 55 | 62 | 58 | 46 | 44 | 49 | 55 | 55 | 61 | 52 | 49 | 53 | 46 | 35 | 41 | 50 | 51 | 60 | 38 | 32 | 37 | 51 | 42 | 46 | 48 | 49 | 49 | 49 | | 49.1 |
| | MIN | 28 | 46 | 48 | 49 | 40 | 36 | 36 | 39 | 36 | 43 | 43 | 35 | 27 | 30 | 30 | 15 | 17 | 23 | 30 | 27 | 17 | 11 | 15 | 30 | 16 | 17 | 18 | 19 | 24 | 21 | | 28.9 |
| LITTLE FALLS | MAX | 57 | 59 | 60 | 67 | 65 | 49 | 44 | 53 | 58 | 55 | 57 | 55 | 52 | 54 | 55 | 40 | 43 | 50 | 56 | 62 | 42 | 37 | 39 | 58 | 46 | 49 | 52 | 46 | 47 | 49 | | 51.9 |
| | MIN | 42 | 50 | 54 | 51 | 46 | 36 | 40 | 39 | 46 | 48 | 48 | 39 | 38 | 41 | 35 | 26 | 24 | 32 | 38 | 34 | 26 | 20 | 27 | 35 | 23 | 30 | 24 | 27 | 25 | 30 | | 35.8 |
| LONG VALLEY | MAX | 55 | 58 | 58 | 65 | 60 | 45 | 42 | 50 | 55 | 52 | 58 | 52 | 48 | 50 | 48 | 36 | 40 | 48 | 55 | 55 | 38 | 34 | 42 | 53 | 44 | 47 | 50 | 44 | 46 | 44 | | 49.1 |
| | MIN | 34 | 47 | 54 | 49 | 42 | 32 | 37 | 35 | 38 | 44 | 42 | 31 | 31 | 35 | 28 | 20 | 18 | 25 | 36 | 28 | 21 | 14 | 24 | 35 | 19 | 18 | 17 | 19 | 18 | 23 | | 30.5 |
| MORRIS PLAINS 1 W | MAX | 55 | 57 | 59 | 66 | 64 | 47 | 42 | 51 | 55 | 53 | 56 | 52 | 48 | 53 | 51 | 39 | 42 | 50 | 57 | 62 | 41 | 35 | 38 | 58 | 45 | 48 | 50 | 45 | 47 | 49 | | 50.5 |
| | MIN | 32 | 46 | 54 | 49 | 44 | 35 | 38 | 39 | 42 | 47 | 44 | 36 | 34 | 36 | 30 | 21 | 20 | 20 | 32 | 32 | 24 | 15 | 18 | 28 | 19 | 21 | 20 | 21 | 20 | 22 | | 31.3 |
| NEWARK WB AIRPORT | MAX | 58 | 62 | 69 | 67 | 50 | 45 | 52 | 56 | 54 | 56 | 56 | 54 | 53 | 54 | 45 | 43 | 50 | 57 | 62 | 45 | 38 | 39 | 59 | 51 | 49 | 53 | 48 | 49 | 51 | 42 | | 52.2 |
| | MIN | 51 | 54 | 56 | 50 | 39 | 40 | 42 | 43 | 49 | 49 | 50 | 44 | 39 | 44 | 28 | 27 | 29 | 38 | 45 | 32 | 26 | 24 | 32 | 34 | 28 | 36 | 32 | 34 | 34 | 33 | | 38.7 |
| NEWTON | MAX | 55 | 54 | 58 | 64 | 61 | 46 | 43 | 50 | 55 | 53 | 59 | 52 | 51 | 51 | 47 | 35 | 41 | 49 | 55 | 61 | 37 | 31 | 37 | 51 | 43 | 45 | 48 | 43 | 35 | 40 | | 48.3 |
| | MIN | 32 | 47 | 48 | 50 | 43 | 36 | 37 | 34 | 39 | 46 | 42 | 33 | 35 | 35 | 32 | 20 | 18 | 21 | 32 | 30 | 22 | 14 | 20 | 29 | 18 | 20 | 18 | 21 | 22 | 25 | | 30.6 |
| PATERSON | MAX | 57 | 59 | 60 | 62 | 67 | 47 | 46 | 55 | 56 | 55 | 57 | 55 | 51 | 56 | 55 | 43 | 43 | 51 | 56 | 62 | 45 | 37 | 40 | 60 | 47 | 50 | 52 | 48 | 47 | 50 | | 52.3 |
| | MIN | 43 | 50 | 55 | 55 | 47 | 36 | 40 | 41 | 43 | 49 | 49 | 42 | 38 | 42 | 36 | 26 | 28 | 33 | 40 | 35 | 27 | 22 | 27 | 33 | 27 | 30 | 23 | 23 | 31 | 31 | | 36.7 |
| PHILLIPSBURG | MAX | 60 | 61 | 68 | 66 | 66 | 66 | 52 | 56 | 55 | 66 | 60 | 56 | 55 | 55 | 50 | 45 | 52 | 60 | 63 | 63 | 56 | 51 | 52 | 50 | 50 | 49 | 52 | 51 | 50 | 52 | | 56.3 |
| | MIN | 45 | 49 | 49 | 48 | 42 | 38 | 40 | 36 | 34 | 31 | 42 | 36 | 35 | 39 | 29 | 21 | 22 | 29 | 42 | 30 | 24 | 17 | 28 | 36 | 20 | 28 | 20 | 24 | 22 | 27 | | 32.8 |
| PLAINFIELD | MAX | 58 | 60 | 70 | 67 | 51 | 47 | 52 | 57 | 54 | 56 | 57 | 50 | 54 | 52 | 42 | 44 | 51 | 58 | 63 | 42 | 36 | 38 | 58 | 48 | 48 | 52 | 47 | 48 | 49 | 41 | | 51.7 |
| | MIN | 43 | 52 | 55 | 51 | 47 | 38 | 39 | 39 | 47 | 50 | 48 | 38 | 35 | 42 | 32 | 24 | 23 | 30 | 40 | 32 | 24 | 18 | 26 | 42 | 22 | 29 | 22 | 29 | 25 | 28 | | 35.7 |
| SOMERVILLE | MAX | 59 | 60 | 70 | 64 | 51 | 44 | 52 | 55 | 54 | 59 | 56 | 52 | 49 | 52 | 51 | 44 | 52 | 59 | 65 | 60 | 38 | 40 | 59 | 52 | 49 | 52 | 49 | 49 | 49 | 42 | | 52.9 |
| | MIN | 43 | 52 | 55 | 51 | 41 | 38 | 40 | 38 | 45 | 40 | 45 | 35 | 41 | 32 | 28 | 22 | 20 | 27 | 45 | 33 | 24 | 15 | 25 | 35 | 20 | 28 | 20 | 26 | 21 | 25 | | 33.7 |
| SUSSEX 1 SE | MAX | 53 | 60 | 53 | 63 | 61 | 45 | 43 | 48 | 45 | 53 | 56 | 52 | 49 | 52 | 48 | 39 | 39 | 47 | 56 | 60 | 37 | 34 | 37 | 51 | 42 | 45 | 47 | 43 | 34 | 44 | | 47.9 |
| | MIN | 24 | 40 | 44 | 50 | 39 | 33 | 33 | 33 | 38 | 43 | 40 | 30 | 26 | 26 | 29 | 16 | 16 | 16 | 27 | 26 | 16 | 11 | 14 | 23 | 15 | 16 | 15 | 15 | 19 | 21 | | 26.5 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 63 | 62 | 65 | 63 | 49 | 47 | 48 | 53 | 58 | 53 | 55 | 52 | 51 | 54 | 41 | 45 | 50 | 57 | 62 | 42 | 38 | 42 | 61 | 55 | 50 | 53 | 48 | 51 | 52 | 42 | | 52.1 |
| | MIN | 51 | 59 | 57 | 49 | 41 | 41 | 41 | 35 | 47 | 48 | 42 | 41 | 36 | 41 | 27 | 25 | 23 | 28 | 41 | 29 | 24 | 18 | 38 | 27 | 21 | 29 | 23 | 31 | 28 | 30 | | 35.7 |
| AUDUBON | MAX | 67 | 64 | 71 | 63 | 52 | 48 | 52 | 56 | 59 | 59 | 60 | 53 | 54 | 53 | 42 | 47 | 56 | 65 | 59 | 44 | 39 | 43 | 61 | 53 | 53 | 54 | 51 | 54 | 53 | 44 | | 54.3 |
| | MIN | 43 | 55 | 57 | 51 | 41 | 41 | 42 | 38 | 47 | 50 | 45 | 42 | 39 | 42 | 28 | 26 | 26 | 32 | 41 | 32 | 27 | 20 | 30 | 35 | 24 | 35 | 25 | 33 | 28 | 31 | | 36.9 |
| BELLEPLAIN ST FOREST | MAX | 65 | 64 | 65 | 65 | 55 | 48 | 47 | 54 | 57 | 56 | 58 | 55 | 52 | 54 | 54 | 47 | 55 | 62 | 66 | 62 | 39 | 43 | 59 | 53 | 52 | 54 | 50 | 54 | 55 | 45 | | 54.8 |
| | MIN | 46 | 57 | 58 | 51 | 42 | 40 | 39 | 32 | 39 | 48 | 40 | 37 | 31 | 37 | 31 | 22 | 22 | 28 | 42 | 31 | 23 | 14 | 29 | 39 | 20 | 29 | 20 | 30 | 26 | 25 | | 34.3 |
| BURLINGTON | MAX | | | | | | | 49 | 56 | 56 | 60 | 57 | 57 | 57 | 56 | 53 | 46 | 53 | 61 | 66 | 62 | 35 | 41 | | 55 | | 55 | 48 | 52 | 50 | 48 | | 53.3 |
| | MIN | 37 | 45 | 60 | 53 | 42 | 46 | 43 | 38 | 47 | 51 | 45 | 45 | 38 | 41 | 32 | 27 | | 33 | 41 | 33 | 26 | 25 | | 44 | | 25 | 25 | 32 | 31 | 29 | | 38.3 |
| CHATSWORTH | MAX | 65 | 64 | 70 | 63 | 54 | 48 | 46 | 55 | 57 | 59 | 57 | 56 | 53 | 52 | 53 | 46 | 55 | 62 | 66 | 61 | 52 | 43 | 64 | 63 | 52 | 54 | 50 | 52 | 54 | 50 | | 55.9 |
| | MIN | 41 | 54 | 58 | 45 | 40 | 44 | 38 | 30 | 39 | 48 | 44 | 35 | 32 | 39 | 30 | 21 | 19 | 27 | 38 | 31 | 22 | 12 | 27 | 38 | 17 | 22 | 17 | 26 | 27 | 26 | | 32.9 |
| FREEHOLD | MAX | 58 | 62 | 62 | 70 | 65 | 46 | 44 | 46 | 55 | 54 | 53 | 54 | 50 | 58 | 52 | 38 | 43 | 53 | 60 | 63 | 41 | 37 | 42 | 59 | 48 | 50 | 52 | 49 | 48 | 52 | | 52.1 |
| | MIN | 41 | 50 | 56 | 53 | 44 | 38 | 39 | 35 | 45 | 47 | 46 | 38 | 34 | 40 | 32 | 24 | 23 | 30 | 37 | 32 | 23 | 16 | 19 | 38 | 23 | 31 | 24 | 30 | 24 | 27 | | 34.6 |
| GLASSBORO | MAX | 63 | 60 | 64 | 68 | 60 | 50 | 49 | 49 | 55 | 58 | 58 | 58 | 53 | 53 | 53 | 39 | 46 | 55 | 63 | 67 | 41 | 37 | 42 | 62 | 50 | 51 | 52 | 54 | 50 | 44 | | 53.5 |
| | MIN | 39 | 48 | 58 | 51 | 45 | 39 | 40 | 36 | 41 | 48 | 43 | 41 | 35 | 36 | 30 | 26 | 26 | 29 | 35 | 32 | 25 | 18 | 25 | 40 | 22 | 29 | 32 | 26 | 30 | 28 | | 35.1 |
| HAMMONTON 2 NNE | MAX | 64 | 65 | 62 | 69 | 66 | 53 | 51 | 49 | 59 | 59 | 54 | 60 | 53 | 55 | 54 | 42 | 49 | 56 | 64 | 66 | 46 | 47 | 40 | 66 | 53 | 52 | 55 | 51 | 54 | 56 | | 55.7 |
| | MIN | 39 | 52 | 58 | 52 | 45 | 41 | 38 | 36 | 39 | 50 | 43 | 40 | 34 | 39 | 31 | 25 | 24 | 29 | 34 | 31 | 23 | 22 | 25 | 34 | 22 | 25 | 19 | 27 | 27 | 24 | | 34.3 |
| HIGHTSTOWN 1 N | MAX | 62 | 62 | 69 | 62 | 54 | 45 | 48 | 55 | 54 | 57 | 56 | 53 | 51 | 50 | 52 | 45 | 52 | 61 | 65 | 61 | 36 | 40 | 58 | 54 | 48 | 51 | 46 | 50 | 49 | 42 | | 52.9 |
| | MIN | 41 | 53 | 55 | 54 | 40 | 38 | 40 | 37 | 46 | 48 | 45 | 39 | 35 | 41 | 30 | 25 | 22 | 29 | 46 | 31 | 23 | 18 | 28 | 38 | 22 | 33 | 21 | 27 | 24 | 26 | | 35.2 |
| INDIAN MILLS 2 W | MAX | 64 | 63 | 68 | 61 | 52 | 47 | 47 | 54 | 59 | 55 | 55 | 52 | 52 | 51 | 52 | 44 | 54 | 61 | 65 | 61 | 36 | 42 | 62 | 55 | 51 | 51 | 49 | 53 | 52 | 42 | | 53.7 |
| | MIN | 41 | 54 | 58 | 51 | 40 | 39 | 36 | 34 | 42 | 48 | 42 | 35 | 33 | 40 | 29 | 21 | 19 | 26 | 46 | 32 | 23 | 12 | 28 | 39 | 16 | 33 | 18 | 25 | 22 | 26 | | 33.6 |
| MILLVILLE | MAX | 67 | 69 | 65 | 66 | 61 | 50 | 49 | 48 | 58 | 60 | 57 | 58 | 52 | 53 | 53 | 41 | 47 | 57 | 65 | 66 | 43 | 39 | 44 | 62 | 53 | 53 | | | | | | 55.2 |
| | MIN | 43 | 54 | 57 | 50 | 44 | 36 | 40 | 36 | 39 | 49 | 41 | 39 | 35 | 41 | 31 | 24 | 23 | 29 | 40 | 32 | 25 | 16 | 28 | 41 | 20 | 33 | | | | | | 36.4 |
| MILLVILLE FAA AIRPORT | MAX | 65 | 65 | 67 | 61 | 49 | 48 | 47 | 54 | 58 | 57 | 56 | 52 | 51 | 53 | 41 | 46 | 54 | 61 | 64 | 42 | 36 | 41 | 60 | 52 | 50 | 53 | 47 | 53 | 52 | 41 | | 52.5 |
| | MIN | 47 | 60 | 57 | 48 | 41 | 42 | 42 | 38 | 46 | 48 | 43 | 39 | 36 | 41 | 23 | 22 | 24 | 30 | 39 | 30 | 24 | 15 | 36 | 29 | 21 | 30 | 23 | 33 | 26 | 31 | | 35.5 |
| MOORESTOWN | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | MAX | 58 | 62 | 62 | 69 | 63 | 47 | 44 | 55 | 56 | 55 | 56 | 55 | 49 | 52 | 53 | 37 | 43 | 52 | 59 | 63 | 41 | 34 | 37 | 59 | 47 | 47 | 51 | 47 | 47 | 48 | | 51.6 |
| | MIN | 43 | 52 | 56 | 53 | 45 | 37 | 40 | 39 | 47 | 49 | 46 | 40 | 36 | 37 | 31 | 26 | 25 | 30 | 36 | 32 | 24 | 19 | 29 | 37 | 27 | 29 | 25 | 31 | 27 | 29 | | 35.9 |
| PEMBERTON 3 E | MAX | 63 | 63 | 71 | 63 | 53 | 47 | 48 | 56 | 57 | 55 | 61 | 50 | 55 | 52 | 50 | 46 | 55 | 63 | 65 | 60 | 40 | 43 | 61 | 53 | 53 | 54 | 51 | 49 | 50 | 46 | | 54.4 |
| | MIN | 44 | 53 | 56 | 53 | 45 | 36 | 38 | 34 | 45 | 49 | 40 | 33 | 33 | 41 | 31 | 23 | 21 | 28 | 45 | 31 | 23 | 18 | 30 | 35 | 18 | 33 | 21 | 30 | 22 | 25 | | 34.5 |
| SEABROOK FARMS | MAX | 64 | 67 | 64 | 66 | 60 | 50 | 48 | 48 | 54 | 59 | 57 | 58 | 53 | 53 | 53 | 39 | 45 | 54 | 62 | 66 | 41 | 37 | 41 | 60 | 51 | 50 | 52 | 49 | 54 | 51 | | 53.5 |
| | MIN | 44 | 54 | 59 | 49 | 44 | 41 | 41 | 35 | 39 | 50 | 40 | 41 | 34 | 40 | 31 | 23 | 25 | 29 | 33 | 32 | 24 | 18 | 25 | 40 | 22 | 29 | 22 | 28 | 27 | 27 | | 34.9 |
| SHILOH | MAX | 65 | 63 | 66 | 63 | 53 | 49 | 48 | 55 | 57 | 57 | 58 | 53 | 53 | 51 | 51 | 47 | 54 | 61 | 62 | 55 | 38 | 41 | 61 | 55 | 50 | 52 | 48 | 53 | 52 | 50 | | 54.0 |
| | MIN | 44 | 53 | 58 | 48 | 42 | 40 | 40 | 37 | 38 | 48 | 42 | 41 | 34 | 41 | 30 | 24 | 28 | 30 | 35 | 31 | 24 | 20 | 33 | 39 | 24 | 38 | 24 | 31 | 30 | 28 | | 35.8 |
| TOMS RIVER | MAX | 60 | 61 | 63 | 70 | 64 | 46 | 46 | 49 | 57 | 57 | 58 | 57 | 53 | 52 | 55 | 38 | 46 | 53 | 60 | 62 | 42 | 37 | 43 | 62 | 51 | 52 | 54 | 49 | 52 | 53 | | 53.4 |
| | MIN | 37 | 53 | 51 | 55 | 43 | 39 | 39 | 35 | 40 | 47 | 46 | 37 | 35 | 37 | 32 | 23 | 21 | 24 | 30 | 32 | 23 | 15 | 20 | 38 | 20 | 21 | 20 | 21 | 25 | 26 | | 32.8 |
| TRENTON WB CITY | MAX | 61 | 63 | 69 | 60 | 50 | 47 | 48 | 54 | 53 | 59 | 55 | 51 | 52 | 54 | 43 | 44 | 52 | 61 | 64 | 41 | 35 | 40 | 59 | 54 | 49 | 51 | 48 | 49 | 49 | 41 | | 51.9 |
| | MIN | 48 | 56 | 56 | 50 | 40 | 41 | 42 | 41 | 48 | 52 | 45 | 44 | 40 | 43 | 30 | 30 | 31 | 37 | 41 | 32 | 27 | 24 | 35 | 37 | 31 | 38 | 31 | 34 | 32 | 31 | | 38.9 |
| TUCKERTON | MAX | 63 | 61 | 70 | 65 | 54 | 47 | 48 | 55 | 58 | 56 | 58 | 53 | 52 | 54 | 54 | 47 | 53 | 59 | 60 | 58 | 39 | 43 | 61 | 54 | 50 | 55 | 48 | 52 | 53 | 44 | | 54.1 |
| | MIN | 51 | 56 | 57 | 53 | 41 | 40 | 39 | 32 | 45 | 47 | 44 | 39 | 33 | 41 | 29 | 24 | 23 | 29 | 46 | 28 | 23 | 15 | 30 | 39 | 22 | 30 | 23 | 32 | 30 | 29 | | 35.7 |
| WOODSTOWN | MAX | 65 | 64 | 68 | 63 | 53 | 50 | 49 | 54 | 58 | 60 | 58 | 55 | 53 | 51 | 51 | 46 | 54 | 63 | 66 | 61 | 38 | 42 | 62 | 55 | 52 | 53 | 49 | 52 | 51 | 43 | | 54.6 |
| | MIN | 44 | 53 | 58 | 50 | 42 | 40 | 41 | 35 | 40 | 50 | 40 | 39 | 33 | 41 | 35 | 22 | 25 | 28 | 46 | 27 | 25 | 17 | 30 | 37 | 22 | 35 | 22 | 31 | 25 | 20 | | 35.1 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 62 | 62 | 66 | 64 | 52 | 49 | 50 | 56 | 57 | 54 | 57 | 56 | 54 | 57 | 44 | 48 | 53 | 58 | 61 | 45 | 39 | 51 | 56 | 55 | 51 | 55 | 51 | 54 | 54 | 45 | | 53.9 |
| | MIN | 57 | 60 | 58 | 52 | 43 | 43 | 43 | 40 | 50 | 50 | 48 | 47 | 40 | 44 | 32 | 33 | 37 | 42 | 43 | 33 | 28 | 26 | 49 | 37 | 33 | 37 | 34 | 40 | 39 | 34 | | 41.7 |
| CAPE MAY 1 NW | MAX | 61 | 65 | 63 | 65 | 58 | 51 | 49 | 50 | 54 | 56 | 55 | 56 | 54 | 53 | 56 | 41 | 47 | 53 | 59 | 61 | 43 | 37 | 47 | 58 | 50 | 50 | 51 | 46 | 51 | 51 | | 53.0 |
| | MIN | 51 | 58 | 58 | 53 | 45 | 42 | 42 | 38 | 41 | 49 | 47 | 44 | 43 | 42 | 31 | 33 | 30 | 34 | 39 | 36 | 21 | 25 | 28 | 43 | 30 | 34 | 30 | 34 | 37 | 35 | | 39.1 |
| LONG BRANCH 2S | MAX | 60 | 60 | 67 | 66 | 53 | 45 | 49 | 58 | 57 | 55 | 57 | 52 | 53 | 53 | 53 | 45 | 51 | 58 | 61 | 58 | 39 | 40 | 50 | 54 | 51 | 54 | 48 | 49 | 50 | 43 | | 53.0 |
| | MIN | 51 | 54 | 56 | 53 | 40 | 39 | 38 | 38 | 48 | 47 | 49 | 40 | 36 | 40 | 35 | 26 | 25 | 32 | 49 | 33 | 25 | 19 | 29 | 41 | 24 | 34 | 25 | 32 | 31 | 29 | | 37.3 |
| SANDY HOOK | MAX | | | 65 | 64 | 58 | 46 | 52 | | | 57 | | 55 | 53 | 50 | | | 55 | 58 | 60 | 58 | 40 | | | 56 | 49 | 44 | 39 | 54 | 53 | 48 | | 53.0 |
| | MIN | | | 52 | 55 | 43 | 43 | 42 | | | 42 | | 46 | 42 | 44 | | | 30 | 40 | 49 | 38 | 31 | | 29 | | 31 | 29 | 29 | 31 | 46 | 38 | | 39.5 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 56 | 59 | 62 | 61 | 54 | 49 | 52 | 55 | 54 | 55 | 55 | 52 | 52 | 52 | 50 | 44 | 49 | 52 | 55 | 55 | 42 | 41 | 46 | 47 | 45 | 45 | 45 | 46 | 45 | 41 | | 50.5 |
| | | MIN | 50 | 55 | 58 | 54 | 47 | 47 | 49 | 49 | 51 | 52 | 52 | 48 | 47 | 50 | 42 | 41 | 40 | 43 | 47 | 42 | 38 | 37 | 39 | 43 | 39 | 42 | 39 | 40 | 38 | 39 | | 45.3 |
| | 2 | MAX | 55 | 58 | 61 | 60 | 55 | 50 | 52 | 55 | 54 | 55 | 54 | 53 | 52 | 52 | 51 | 45 | 48 | 50 | 54 | 54 | 43 | 41 | 46 | 47 | 45 | 44 | 45 | 45 | 45 | 41 | | 50.3 |
| | | MIN | 51 | 55 | 58 | 55 | 49 | 48 | 50 | 50 | 52 | 53 | 53 | 51 | 49 | 51 | 44 | 42 | 42 | 44 | 47 | 43 | 40 | 39 | 40 | 44 | 41 | 43 | 40 | 41 | 40 | 40 | | 46.5 |
| | 4 | MAX | 52 | 56 | 58 | 60 | 59 | 58 | 53 | 53 | 54 | 54 | 55 | 54 | 53 | 52 | 52 | 49 | 46 | 47 | 51 | 53 | 50 | 43 | 43 | 47 | 45 | 45 | 46 | 45 | 45 | 45 | | 50.8 |
| | | MIN | 48 | 52 | 56 | 58 | 56 | 53 | 51 | 51 | 52 | 53 | 53 | 52 | 52 | 50 | 48 | 44 | 44 | 44 | 45 | 50 | 42 | 42 | 40 | 41 | 42 | 42 | 43 | 41 | 41 | 41 | | 47.6 |
| | 8 | MAX | 53 | 56 | 57 | 59 | 59 | 58 | 52 | 53 | 54 | 54 | 55 | 55 | 54 | 53 | 53 | 51 | 48 | 47 | 50 | 52 | 51 | 47 | 46 | 47 | 47 | 46 | 46 | 46 | 45 | 45 | | 51.3 |
| | | MIN | 51 | 53 | 56 | 57 | 58 | 51 | 51 | 52 | 53 | 53 | 54 | 53 | 53 | 52 | 51 | 48 | 47 | 46 | 47 | 50 | 46 | 46 | 44 | 44 | 45 | 44 | 45 | 44 | 44 | 43 | | 49.4 |
| | 20 | MAX | 96 | 57 | 59 | 59 | 58 | 57 | 56 | 56 | 55 | 55 | 55 | 56 | 55 | 55 | 55 | 54 | 53 | 52 | 53 | 53 | 53 | 50 | 49 | 49 | 50 | 49 | 49 | 48 | 48 | 48 | | 53.4 |
| | | MIN | 55 | 56 | 57 | 58 | 57 | 56 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 54 | 53 | 52 | 52 | 52 | 53 | 50 | 49 | 48 | 48 | 49 | 49 | 48 | 48 | 48 | 47 | | 52.6 |
| | 40 | MAX | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 58 | 58 | 57 | 57 | 57 | 57 | 57 | 57 | 57 | 56 | 56 | 55 | 55 | 55 | 54 | 54 | 53 | 53 | 52 | 52 | 52 | 51 | 51 | | 55.9 |
| | | MIN | 59 | 58 | 58 | 58 | 58 | 59 | 58 | 58 | 57 | 57 | 57 | 57 | 56 | 57 | 57 | 56 | 55 | 55 | 55 | 55 | 54 | 54 | 53 | 52 | 52 | 52 | 52 | 51 | 51 | 51 | | 55.4 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 57 | 59 | 67 | 65 | 52 | 48 | 51 | 56 | 55 | 55 | 57 | 51 | 53 | 51 | 48 | 43 | 48 | 54 | 56 | 56 | 38 | 36 | 45 | 46 | 44 | 48 | 45 | 46 | 46 | 41 | | 50.6 |
| | | MIN | 46 | 55 | 58 | 52 | 46 | 45 | 45 | 45 | 54 | 51 | 51 | 46 | 42 | 45 | 37 | 36 | 36 | 38 | 44 | 38 | 35 | 34 | 35 | 37 | 35 | 38 | 35 | 35 | 35 | 36 | | 42.2 |
| | 2 | MAX | 56 | 59 | 66 | 64 | 52 | 48 | 50 | 55 | 54 | 54 | 56 | 51 | 52 | 51 | 48 | 42 | 47 | 53 | 55 | 56 | 38 | 36 | 45 | 46 | 43 | 47 | 44 | 45 | 45 | 40 | | 49.9 |
| | | MIN | 46 | 54 | 58 | 52 | 46 | 45 | 45 | 45 | 50 | 51 | 51 | 46 | 42 | 45 | 37 | 36 | 36 | 38 | 44 | 38 | 35 | 34 | 35 | 37 | 35 | 38 | 35 | 35 | 35 | 36 | | 42.0 |
| | 4 | MAX | 56 | 57 | 63 | 62 | 55 | 48 | 51 | 53 | 53 | 53 | 54 | 52 | 51 | 51 | 50 | 43 | 46 | 48 | 54 | 55 | 42 | 38 | 44 | 45 | 42 | 45 | 42 | 43 | 42 | 39 | | 49.2 |
| | | MIN | 48 | 54 | 57 | 55 | 48 | 46 | 46 | 47 | 50 | 52 | 52 | 48 | 45 | 46 | 42 | 39 | 39 | 40 | 45 | 42 | 38 | 36 | 37 | 41 | 38 | 41 | 38 | 38 | 37 | 38 | | 44.2 |
| | 8 | MAX | 55 | 55 | 59 | 59 | 57 | 51 | 51 | 52 | 52 | 53 | 54 | 53 | 51 | 51 | 51 | 46 | 44 | 50 | 51 | 52 | 46 | 42 | 44 | 45 | 42 | 44 | 42 | 42 | 41 | 40 | | 49.2 |
| | | MIN | 50 | 54 | 55 | 57 | 51 | 50 | 50 | 49 | 51 | 52 | 53 | 49 | 50 | 49 | 46 | 44 | 42 | 43 | 46 | 46 | 42 | 39 | 39 | 44 | 41 | 42 | 41 | 41 | 40 | 40 | | 46.5 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1: SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2: SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# SNOWFALL AND SNOW ON GROUND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | | | | | | | | | | | | | | | | .3 | | | | | T | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FLEMINGTON 1 NE | SNOWFALL | | | | | | | | | | | | | | | | | T | | | | | | | | | | | T | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAMBERTVILLE | SNOWFALL | | | | | | | | | | | | | | | T | | | | | | | | | | | | | | | T | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | T | |
| MORRIS PLAINS 1 W | SNOWFALL | | | | | | T | | | | | | | | | | T | | | | | T | T | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWARK WB AIRPORT | SNOWFALL | | | | | | | | | | | | | | | | | | | | T | | | | | | | | | | T | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWTON | SNOWFALL | | | | | | | | | | | | | | | | | | | | T | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PATERSON | SNOWFALL | | | | | | | | | | | | | | | | T | | | | | T | T | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLAINFIELD | SNOWFALL | | | | | | | | | | | | | | | T | | | | | | | | | | | | | | | .6 | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAHWAY | SNOWFALL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .2 | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | T | |
| SOMERVILLE | SNOWFALL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .2 | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | SNOWFALL | | | | | | | | | | | | | | | T | | | | | | | | | | | | | | | T | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | SNOWFALL | | | | | | | | | | | | | | | T | | | | | | | | | | | | | | | T | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INDIAN MILLS 2 W | SNOWFALL | | | | | | | | | | | | | | | T | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | SNOWFALL | | | | | | | | | | | | | | | T | | | | | T | | | | | | | | | | T | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | SNOWFALL | | | | | | | | | | | | | | | | T | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | T | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | SNOWFALL | | | | | | | | | | | | | | | T | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRENTON WB CITY | SNOWFALL | | | | | | | | | | | | | | | T | | | | | | | | | | | | | | | .2 | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2S | SNOWFALL | | | | | | | | | | | | | | | T | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

# EVAPORATION AND WIND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | EVAP | .04 | .02 | .01 | .04 | .17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | - |
| | WIND | 78 | 119 | 41 | 40 | 188 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | - |
| | MAX | 53 | 57 | 58 | 66 | 66 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | - |
| | MIN | 39 | 52 | 57 | 56 | 44 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | - |
| PEMBERTON 3 E | EVAP | .07 | .02 | .06 | .04 | .02 | .06 | .01 | .04 | .05 | .04 | .05 | .00 | .07 | .03 | .06 | .04 | .04 | .03 | .03 | .09 | .02 | .02 | .05 | .04 | .04 | .04 | .04 | .03 | .02 | .02 | | 1.17 |
| | WIND | 56 | 35 | 67 | 22 | 24 | 59 | 11 | 17 | 38 | 43 | 13 | 7 | 18 | 18 | 42 | 20 | 13 | 22 | 58 | 22 | 34 | 45 | 11 | 14 | 19 | 16 | 7 | 8 | 12 | 15 | | 786 |

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ↕ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES |  |  |  | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) |  |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 |  |  |  | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| *ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID |  | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P |  |  | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 |  | 9A |  | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P |  |  | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A |  | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 |  | 7A |  |  | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 |  | 7A |  |  | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A |  |  | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 |  | 7A |  |  | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P |  |  | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 |  | 8A |  |  | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A |  | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 |  | 9A |  |  | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A |  | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 |  |  |  | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A |  | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P |  |  | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 |  | 8A |  |  | ANDREW F DROPPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P |  |  | HAROLD DUFLOCQ |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P |  |  | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A |  | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A |  | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 |  | 7A |  |  | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A |  | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A |  | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 |  | 7A |  |  | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A |  |  | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A |  |  | N. J. DEPT.OF CONS. |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P |  | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P |  | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID |  |  | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P |  | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A |  |  | ROBERT WELSH |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A |  | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P |  | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A |  | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 |  |  |  | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 |  | 7A |  |  | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 |  |  |  | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 |  | 9A |  | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 |  | MID |  |  | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 9A | 9A |  | H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID |  | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 |  | 7A |  |  | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A |  | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A |  | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 |  | MID |  | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A |  | C H | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 |  | 8A |  |  | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A |  | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A |  | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 |  | 7A |  |  | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P |  | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 |  | 8A |  |  | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 |  | MID |  |  | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 |  | MID |  | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 |  | 10A |  |  | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P |  |  | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P |  |  | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P |  | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 |  | 10A |  |  | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 |  |  |  | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A |  |  | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A |  |  | TOMS RIVER WATER CO. |
| *TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P |  |  | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 |  | 8A |  | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 |  |  |  | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 |  | 7A |  |  | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 |  | 7A |  |  | N.J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 |  | MID |  | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P |  |  | CREAM VALLEY DAIRY |

↕ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

a Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

S Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

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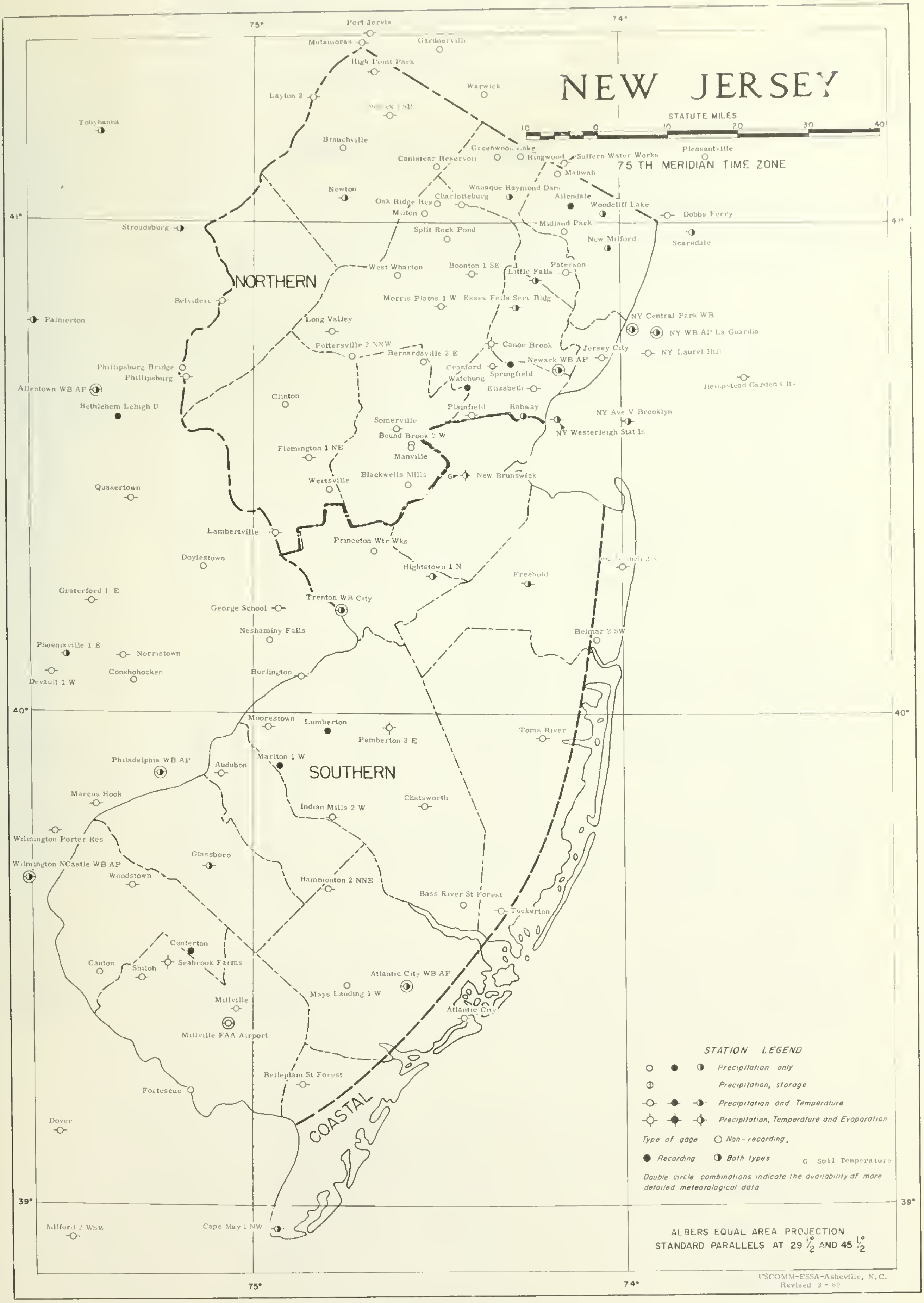
Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE- 12/31/69-850



# NEW JERSEY

STATION LEGEND

○ ● ◑ *Precipitation only*

⦶ *Precipitation, storage*

-○- -●- -◑- *Precipitation and Temperature*

⌖ ✦ ⌖ *Precipitation, Temperature and Evaporation*

*Type of gage* ○ *Non-recording,*

● *Recording* ◑ *Both types* G Soil Temperature

*Double circle combinations indicate the availability of more detailed meteorological data*

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 $\frac{1}{2}$° AND 45 $\frac{1}{2}$°

USCOMM-ESSA-Asheville, N.C.
Revised 3 - 69

A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
DECEMBER 1969
Volume 74 No. 12

## CLIMATOLOGICAL DATA

| Station | Temperature: Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | No. of Days Max. 90° or Above | Max. 32° or Below | Min. 32° or Below | Min. 0° or Below | Precipitation: Total | Departure From Normal | Greatest Day | Date | Snow, Sleet Total | Max. Depth on Ground | Date | No. of Days .10 or More | .50 or More | 1.00 or More |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 36.5 | 18.7 | 27.6 | -4.3 | 60 | 11 | 2 | 25 | 1150 | 0 | 5 | 30 | 0 | 6.55 | 2.89 | 2.25 | 11 | 19.6 | 15 | 27 | 8 | 5 | 2 |
| BOONTON 1 SE | 36.7 | 22.0 | 29.4 | -2.1 | 59 | 11 | 5 | 25 | 1097 | 0 | 9 | 29 | 0 | 5.56 | 2.14 | 1.83 | 11 | 12.7 | 6 | 26 | 8 | 5 | 1 |
| CANOE BROOK | 38.4 | 20.7 | 29.6 | -1.6 | 60 | 11 | 9 | 26+ | 1097 | 0 | 5 | 30 | 0 | 0 5.83 | 2.18 | 1.88 | 11 | 9.4 | 7 | 28+ | 9 | 4 | 1 |
| CHARLOTTEBURG | | | | | | | | | | | | | | | | | | | | | | | |
| CRANFORD | 38.9 | 24.9 | 31.9 | | 60 | 11 | 11 | 25 | 1017 | 0 | 3 | 28 | 0 | 6.74 | | 1.73 | 11 | 9.2 | 7 | 28+ | 6 | 5 | 3 |
| ELIZABETH | 39.8 | 26.5 | 33.2 | -1.5 | 59 | 11 | 17 | 18+ | 980 | 0 | 3 | 26 | 0 | 0 4.63 | 1.03 | 1.52 | 26 | 6.2 | 5 | 26 | 9 | 3 | 1 |
| ESSEX FELLS SERV BLDG | 37.4 | 22.1 | 29.8 | | 59 | 11 | 7 | 25 | 1085 | 0 | 7 | 30 | 0 | 5.75 | | 1.80 | 11 | 11.5 | 7 | 28+ | 7 | 4 | 1 |
| FLEMINGTON 1 NE | | | | | | | | | | | | | | | | | | | | | | | |
| HIGH POINT PARK | 31.0 | 10.5 | 20.8 | | 54 | 11 | -11 | 29+ | 1365 | 0 | 19 | 31 | 6 | 0 6.35 | | 1.70 | 11 | 20.4 | 15 | 31 | 8 | 6 | 3 |
| JERSEY CITY | 37.6 | 27.0 | 32.3 | -2.5 | 58 | 11 | 12 | 25 | 1003 | 0 | 7 | 25 | 0 | 5.18 | 1.89 | 1.22 | 22 | T | T | 15+ | 9 | 4 | 3 |
| LAMBERTVILLE | 38.4 | 25.0 | 31.7 | -2.0 | 60 | 11 | 10 | 25 | 1023 | 0 | 3 | 29 | 0 | 6.34 | 2.96 | 1.34 | 11 | 8.5 | 6 | 26 | 9 | 5 | 3 |
| LAYTON 2 | 34.0 | 16.0 | 25.0 | | 54 | 11 | -11 | 26+ | 1234 | 0 | 15 | 31 | 2 | 4.71 | | 1.84 | 11 | 26.5 | 21 | 26 | 8 | 3 | 1 |
| LITTLE FALLS | 38.5 | 24.0 | 31.3 | -2.3 | 58 | 11 | 9 | 25 | 1045 | 0 | 3 | 28 | 0 | 7.13 | 3.23 | 2.21 | 11 | 15.4 | 10 | 26 | 9 | 6 | 2 |
| LONG VALLEY | | | | | | | | | | | | | | | | | | | | | | | |
| MORRIS PLAINS 1 W | 37.0 | 20.1 | 28.6 | | 59 | 11 | 8 | 25 | 1121 | 0 | 7 | 29 | 0 | 5.90 | | 1.90 | 11 | 17.5 | 11 | 30+ | 9 | 5 | 1 |
| NEWARK WB AIRPORT R | 38.8 | 27.4 | 33.1 | -1.6 | 57 | 11 | 13 | 25 | 984 | 0 | 4 | 26 | 0 | 4.97 | 1.75 | 1.06 | 10 | 8.5 | 6 | 26 | 10 | 5 | 1 |
| NEWTON | 35.0 | 17.9 | 26.5 | -3.2 | 58 | 11 | 0 | 26+ | 1191 | 0 | 12 | 28 | 2 | 5.49 | 2.29 | 1.41 | 11 | 21.1 | 13 | 26 | 8 | 5 | 1 |
| PATERSON | 38.8 | 24.9 | 31.9 | -2.2 | 60 | 11 | 10 | 25 | 1020 | 0 | 3 | 26 | 0 | 7.01 | 3.18 | 2.34 | 11 | 11.9 | | | 9 | 5 | 2 |
| PHILLIPSBURG | 39.5 | 22.3 | 30.9 | -1.8 | 60 | 11 | 4 | 25 | 1050 | 0 | 2 | 30 | 0 | 3.40 | -.24 | 1.70 | 11 | 12.0 | 10 | 26 | 5 | 2 | 1 |
| PLAINFIELD | 37.7 | 25.5 | 31.6 | -2.4 | 60 | 11 | 11 | 25 | 1027 | 0 | 6 | 28 | 0 | 6.39 | 2.80 | 1.32 | 11 | 11.9 | 7 | 27+ | 9 | 5 | 3 |
| SOMERVILLE | | | | | | | | | | | | | | | | | | | | | | | |
| SUSSEX 1 SE | 34.3M | 13.9M | 24.1M | -6.1 | 52 | 12+ | -6 | 25 | 1262 | 0 | 14 | 30 | 2 | 5.60 | 2.24 | 1.46 | 23 | 22.0 | 11 | 29 | 8 | 4 | 2 |
| DIVISION | | | 29.4 | -3.0 | | | | | | | | | | 5.75 | 2.05 | | | 13.6 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 42.3 | 26.7 | 34.5 | -2.1 | 59 | 11+ | 16 | 25+ | 939 | 0 | 2 | 24 | 0 | 7.33 | 4.11 | 1.70 | 26 | .6 | T | 25+ | 10 | 7 | 3 |
| AUDUBON | 41.2 | 28.1 | 34.7 | | 62 | 11+ | 15 | 25 | 933 | 0 | 2 | 25 | 0 | 8.66 | | 1.78 | 26 | 11.0 | 5 | 26 | 10 | 7 | 4 |
| BELLEPLAIN ST FOREST | 42.9 | 25.8 | 34.4 | | 60 | 11 | 11 | 25 | 941 | 0 | 1 | 25 | 0 | 7.03 | 3.38 | 2.55 | 26 | T | 0 | | 8 | 5 | 2 |
| BURLINGTON | 39.6 | 28.1 | 33.9 | -2.1 | 62 | 11 | 15 | 28+ | 957 | 0 | 4 | 26 | 0 | 6.08 | 3.02 | 1.95 | 15 | | | | 6 | 4 | 3 |
| CHATSWORTH | 41.7M | 24.4 | 33.1M | | 61 | 11 | 10 | 21 | 982 | 0 | 3 | 27 | 0 | 8.67 | | 2.77 | 26 | | | | 7 | 5 | 5 |
| FREEHOLD | 38.7 | 23.9 | 31.3 | -3.4 | 60 | 11 | 13 | 25 | 1038 | 0 | 5 | 28 | 0 | 7.83 | 4.38 | 2.40 | 25 | 4.2 | 4 | 25 | 7 | 5 | 3 |
| GLASSBORO | 40.6 | 24.0 | 32.3 | | 63 | 11 | 12 | 25 | 1007 | 0 | 4 | 27 | 0 | 8.68 | | 1.70 | 10 | | | | 10 | 7 | 4 |
| HAMMONTON 2 NNE | 42.4 | 23.7 | 33.1 | -4.0 | 62 | 11 | 13 | 25 | 982 | 0 | 2 | 29 | 0 | 9.17 | 5.44 | 3.05 | 26 | | | | 7 | 5 | 4 |
| HIGHTSTOWN 1 N | 38.4 | 25.8 | 32.1 | -2.2 | 60 | 11 | 11 | 25 | 1014 | 0 | 4 | 26 | 0 | 6.90 | 3.87 | 1.78 | 26 | 10.1 | 6 | 28+ | 9 | 5 | 4 |
| INDIAN MILLS 2 W | 39.6 | 25.2 | 32.4 | -2.4 | 61 | 11 | 11 | 21+ | 1003 | 0 | 4 | 28 | 0 | 9.28 | 6.05 | 2.76 | 26 | 3.5 | 1 | 25 | 9 | 7 | 5 |
| MILLVILLE | 43.8M | 25.0M | 34.4M | | 63 | 11 | 14 | 21 | 941 | 0 | 0 | 19 | 0 | 9.50 | | | | | T | 2 | | | |
| MILLVILLE FAA AIRPORT | 40.9 | 26.6 | 33.8 | | 62 | 10 | 14 | 21 | 961 | 0 | 4 | 27 | 0 | 9.30 | | 2.81 | 26 | T | T | 25+ | 10 | 5 | 4 |
| MOORESTOWN | 39.3M | 23.8M | 31.6M | -3.2 | 62 | 11 | 14 | 25 | | 0 | 3 | 20 | 0 | | | | | | | | | | |
| NEW BRUNSWICK | 38.7 | 24.6 | 31.7 | | 61 | 11 | 11 | 25 | 1026 | 0 | 5 | 26 | 0 | 5.80 | | 1.50 | 11 | 9.0 | 6 | 27+ | 6 | 5 | 3 |
| PEMBERTON 3 E | 39.9 | 25.3 | 32.6 | -3.0 | 61 | 11 | 13 | 21+ | 999 | 0 | 2 | 27 | 0 | 8.76 | 5.68 | 2.21 | 26 | 4.4 | 1 | 25 | 8 | 6 | 4 |
| SEABROOK FARMS | 40.5 | 25.8 | 33.2 | | 62 | 11 | 15 | 21 | 982 | 0 | 4 | 26 | 0 | 8.97 | | 2.82 | 26 | | | | 7 | 5 | 4 |
| SHILOH | 40.0 | 27.2 | 33.6 | -2.5 | 60 | 11 | 16 | 25 | 968 | 0 | 3 | 26 | 0 | 8.07 | 5.01 | 2.55 | 26 | | | | 9 | 6 | 3 |
| TOMS RIVER | 42.0 | 25.0 | 33.5 | | 59 | 11 | 12 | 21 | 969 | 0 | 3 | 27 | 0 | 9.71 | | 3.34 | 26 | | | | 8 | 6 | 4 |
| TRENTON WB CITY R | 38.6 | 28.3 | 33.5 | -1.7 | 62 | 11+ | 13 | 25 | 969 | 0 | 5 | 24 | 0 | 6.86 | 3.99 | 1.52 | 10 | 10.8 | 8 | 26 | 10 | 5 | 2 |
| TUCKERTON | 41.9 | 27.1 | 34.5 | | 56 | 11+ | 15 | 21+ | 938 | 0 | 1 | 25 | 0 | 7.59 | | 2.68 | 26 | .9 | T | 25+ | 9 | 7 | 1 |
| WOODSTOWN | 40.1 | 25.8 | 33.0 | | 63 | 11 | 16 | 25 | 985 | 0 | 2 | 27 | 0 | 8.85 | | 2.35 | 26 | 4.1 | 1 | 26+ | 9 | 7 | 4 |
| DIVISION | | | 33.2 | -2.1 | | | | | | | | | | 8.15 | 4.89 | | | 4.9 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 44.3 | 31.5 | 37.9 | -.4 | 58 | 11 | 23 | 25 | 833 | 0 | 0 | 19 | 0 | 6.55 | 3.07 | 1.90 | 26 | | | | 10 | 4 | 1 |
| CAPE MAY 1 NW | 43.2 | 28.7 | 36.0 | | 58 | 11 | 20 | 25 | 890 | 0 | 1 | 24 | 0 | 6.77 | | 2.05 | 26 | T | 0 | | 8 | 5 | 3 |
| LONG BRANCH 2S | 40.5 | 27.8 | 34.2 | -1.1 | 57 | 11 | 15 | 25 | 950 | 0 | 2 | 25 | 0 | 8.41 | 4.78 | 2.71 | 26 | 1.7 | 1 | 25 | 8 | 5 | 3 |
| SANDY HOOK | 40.5M | 30.5M | 35.5M | | 57 | 11 | 19 | 25 | 905 | 0 | 2 | 22 | 0 | 7.52 | | | | | | | | | |
| DIVISION | | | 35.9 | -1.1 | | | | | | | | | | 7.31 | 3.97 | | | .9 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>3 STATIONS | 63 | DATE | 11 |
| LOWEST TEMPERATURE<br>2 STATIONS | -11 | DATE | 29+ |
| GREATEST TOTAL PRECIPITATION<br>BASS RIVER ST FOREST | 9.86 | | |
| LEAST TOTAL PRECIPITATION<br>PHILLIPSBURG | 3.40 | | |
| GREATEST 1 DAY PRECIPITATION<br>2 STATIONS | 3.34 | DATE | 26 |
| GREATEST TOTAL SNOWFALL<br>LAYTON 2 | 26.5 | | |
| GREATEST DEPTH OF SNOW<br>LAYTON 2 | 21 | DATE | 26 |

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 94

THE LIBRARY OF THE
MAY 13 1970
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

# NEW JERSEY - DECEMBER 1969

## SPECIAL WEATHER SUMMARY

Temperatures were below normal throughout the State, with abundant precipitation. July and December were the only months in 1969 when precipitation was significantly above normal.

The coastal storm of the 25th and 26th brought from 6 to 12 inches of snow throughout the northern half of the State, and rainfall from 2.0 to 4.2 inches to the southeastern counties. Transportation was severely hampered in North Jersey.

On the morning of the 31st a covering of ice over northern and central New Jersey caused numerous traffic accidents. The freezing rain had begun on the 30th and continued into the 31st.

Donald V. Dunlap
ESSA-Weather Bureau State Climatologist
Department of Meteorology
College of Agriculture &
Environmental Science
Rutgers - The State University
New Brunswick, New Jersey 08903

# DAILY PRECIPITATION

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 6.55 | .02 | T | | .02 | | | | .86 | T | | 2.25 | | | .07 | .38 | | | | T | T | | .67 | .59 | T | T | 1.10 | .11 | | | | .48 |
| BERNARDSVILLE 2 E | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BLACKWELLS MILLS | 4.65 | | | | | | | | .80 | .08 | | 1.42 | .01 | | | .23 | | | | .01 | | | .80 | .01 | | | .66 | | | | | .58 |
| BOONTON 1 SE | 5.56 | T | .02 | | | | | | .63 | .09 | | 1.83 | | | T | .39 | | | | .04 | T | | .54 | .69 | T | T | .73 | .20 | .02 | | T | .38 |
| BOUND BROOK 2 W | 6.04 | .02 | T | | T | | | | .84 | .07 | | 1.50 | | | .30 | .30 | | | | .10 | | | .43 | .69 | .03 | | .90 | .05 | | | | .81 |
| BRANCHVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CANISTEAR RESERVOIR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CANOE BROOK | D 5.83 | .03 | .02 | | T | | | | .80 | .28 | | 1.88 | | | T | .48 | | | | .03 | T | | .51 | .75 | .01 | D .05 | .40 | .10 | T | | T | .49 |
| CHARLOTTEBURG | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CLINTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CRANFORD | 6.74 | .01 | .05 | | | | | .02 | 1.57 | T | .08 | 1.73 | | | .48 | .03 | | | | .04 | | | 1.21 | | .01 | T | .82 | .05 | | | .09 | .55 |
| ELIZABETH | D 4.63 | | .03 | | | | | | .98 | .01 | .12 | .31 | | D .12 | .13 | .05 | | | | .05 | | | .90 | T | | | 1.52 | | | | .14 | .27 |
| ESSEX FELLS SERV BLDG | 5.75 | | | | | | | | .90 | | | 1.80 | | | T | .45 | | | | | | | .80 | .33 | T | | .94 | .05 | | | | .48 |
| FLEMINGTON 1 NE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| GREENWOOD LAKE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| HIGH POINT PARK | D 6.35 | D .08 | | | .04 | | | | .64 | | | 1.70 | | | .02 | .36 | | | | .04 | | | 1.00 | .70 | .10 | | 1.17 | | | | | .50 |
| JERSEY CITY | 5.18 | T | | | | | | .03 | .42 | | 1.04 | .19 | | | .32 | .08 | | | T | | | | 1.22 | | | T | 1.03 | .20 | | | .13 | .52 |
| LAMBERTVILLE | 6.34 | .01 | T | | | | | .23 | .68 | T | .42 | 1.34 | | | .26 | | | | | T | T | | 1.24 | T | | .06 | 1.22 | | | | .13 | .75 |
| LAYTON 2 | 4.71 | .02 | .06 | | | | | | .22 | .14 | | 1.84 | | | .02 | .28 | | | | .04 | | | .27 | .89 | .04 | | .57 | .03 | T | | | .29 |
| LITTLE FALLS | 7.13 | .02 | .06 | | | | | | .92 | .23 | | 2.21 | | | .03 | .52 | | | | .04 | | | .62 | .71 | T | | 1.01 | .33 | .02 | | T | .41 |
| LONG VALLEY | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MAHWAH | 6.24 | .04 | .08 | | | | | | .65 | .18 | | 2.39 | | | | .32 | | | | .05 | | | .50 | .75 | .01 | | .43 | .41 | .07 | | | .36 |
| MIDLAND PARK | 6.93 | .09 | T | | | | | .30 | .58 | | 1.62 | .50 | | | .45 | .01 | T | T | .04 | T | T | T | 1.31 | T | T | .20 | 1.10 | .08 | T | T | .27 | .38 |
| MILTON | 6.97 | .10 | .35 | | | | | | .60 | .24 | | 2.12 | | | | .40 | | | | .04 | | | .58 | 1.31 | | | 1.00 | .03 | | | | .20 |
| MORRIS PLAINS 1 W | 5.90 | .03 | .02 | | T | T | T | | .71 | .16 | | 1.90 | T | | .03 | .50 | T | T | | .04 | .02 | | .41 | .86 | T | T | .64 | .28 | T | | T | .30 |
| NEWARK WB AIRPORT R | 4.97 | .04 | | | | | | .20 | .78 | | 1.06 | .25 | | | .51 | .01 | | | .04 | .01 | T | T | .75 | T | .02 | .29 | .56 | .03 | | | .19 | .23 |
| NEW MILFORD | 5.03 | .14 | | | | | | .31 | .58 | | .89 | .27 | | | .33 | | | | .01 | .02 | | | 1.02 | | | .13 | .88 | .15 | | | .04 | .26 |
| NEWTON | 5.49 | .06 | .06 | | | | | | .67 | .06 | | 1.41 | | | .01 | .32 | | | | .03 | | | .59 | .90 | .01 | | .81 | .13 | | | .02 | .41 |
| OAK RIDGE RESERVOIR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PATERSON | 7.01 | .01 | .07 | | | | | | .59 | .25 | | 2.34 | | | .01 | .26 | | | | | | | .63 | .86 | .02 | T | 1.41 | .06 | .15 | | T | .35 |
| PHILLIPSBURG | 3.40 | | | | | | | T | .81 | | | 1.70 | | | .25 | | | | | | | | | .09 | .10 | | .45 | | | | | |
| PHILLIPSBURG BRIDGE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PLAINFIELD | 6.39 | .04 | T | T | | | | .35 | .64 | | .32 | 1.32 | | | .50 | | | | | .03 | | | 1.13 | | .03 | | 1.17 | .04 | | | .38 | .44 |
| POTTERSVILLE 2 NNW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| RAHWAY | 5.84 | .05 | | | | | | .50 | .65 | | 1.25 | .35 | | | .47 | .03 | | | .02 | | .04 | | 1.06 | | T | .02 | .94 | | | | .25 | .21 |
| RINGWOOD | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SOMERVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SPLIT ROCK POND | 5.78 | .02 | .04 | | | | | | .88 | .06 | | 1.92 | | | .05 | .33 | | | | .03 | | | .68 | .50 | | | .68 | .16 | | | | .43 |
| SUSSEX 1 SE | 5.60 | .03 | .06 | | T | | | | .46 | .07 | | 1.10 | | | T | .34 | | | | .06 | | | .54 | 1.46 | | | .86 | .34 | T | | .02 | .26 |
| WANAQUE RAYMOND DAM | 6.39 | .05 | .02 | | | | | | .75 | .13 | | 1.66 | | | T | .46 | | | | .05 | | | .55 | .87 | .04 | | 1.04 | .32 | | | T | .45 |
| WERTSVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| WEST WHARTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| WOODCLIFF LAKE | 5.44 | .18 | | | | | | .26 | .54 | | .98 | .32 | | | .37 | .03 | | | .01 | .06 | | | 1.14 | | | .17 | .90 | .10 | .02 | | .08 | .28 |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 7.33 | .03 | T | | T | | | .53 | .84 | | 1.09 | .18 | | | .18 | T | | | T | T | T | | 1.05 | | T | .50 | 1.70 | T | | .04 | .96 | .23 |
| AUDUBON | 8.66 | T | | | | | | .47 | 1.00 | | 1.54 | .38 | | | .28 | | | | | | | T | 1.29 | | | .50 | 1.78 | | | T | .79 | .63 |
| BASS RIVER ST FOREST | 9.86 | T | .03 | | | | | | 1.43 | | | 1.45 | | | | 1.16 | | | | | | | .76 | .32 | | | 3.34 | | | | | 1.37 |
| BELLEPLAIN ST FOREST | 7.03 | .07 | T | | | | | .07 | .10 | | .42 | 1.07 | | | .24 | .01 | | | | | | | .96 | | | | 2.55 | | | | .75 | .79 |
| BURLINGTON | 6.08 | | .01 | | | | | | 1.36 | | .40 | | | | | 1.95 | | | | | | | 1.16 | | | .40 | | | | | .80 | |
| CANTON | 8.36 | T | | | | | | | 1.49 | | | 1.51 | | | | .35 | | | | | | | 1.00 | | | | 2.70 | | | | .17 | 1.14 |
| CHATSWORTH | 8.67 | | | | | | | | 1.43 | | .27 | 1.22 | | | .16 | | | | | | | | 1.21 | | | | 2.77 | | | | | 1.61 |
| FORTESCUE | 7.27 | | | | | | | | 1.05 | | | 1.75 | | | .17 | | | | | | | | | 1.50 | | | | 1.35 | | | .23 | 1.22 |
| FREEHOLD | 7.83 | .02 | .03 | | T | | | | 1.56 | .11 | | 1.78 | | | .07 | .31 | | | | .01 | T | | T | .58 | .02 | 2.40 | | .02 | .03 | | .05 | .84 |
| GLASSBORO | 8.68 | .05 | .02 | | | | | .70 | .90 | | 1.70 | .25 | | | | .26 | | | | | | | 1.15 | | | 1.20 | 1.10 | | | .90 | .45 | |
| HAMMONTON 2 NNE | 9.17 | | | | | | | | 1.53 | .02 | | 1.78 | | | .05 | .10 | | | | | | | .75 | .38 | | | 3.05 | | | | .03 | 1.48 |
| HIGHTSTOWN 1 N | 6.90 | .01 | .03 | | T | | | .10 | 1.20 | | .40 | 1.01 | | | .26 | T | | | | T | T | | 1.15 | T | .01 | T | 1.78 | T | | | .15 | .80 |
| INDIAN MILLS 2 W | 9.28 | T | .06 | | | | | .22 | 1.50 | | .50 | 1.27 | | | .20 | | | | | T | | | 1.21 | | T | .05 | 2.76 | | | | .50 | 1.01 |
| MAYS LANDING 1 W | 8.54 | T | .10 | | | | | | 1.15 | T | | 1.70 | | | | .19 | | | | | | | .90 | .30 | T | | 2.87 | T | | | .08 | 1.25 |
| MILLVILLE | 9.50 | | .02 | | | | | | 1.42 | | | 2.02 | | | .12 | .16 | | | | | | | 1.10 | .22 | * | * | * | * | * | * | * | 4.44 |
| MILLVILLE FAA AIRPORT | 9.30 | .05 | T | | T | | | .34 | .80 | | 1.60 | .33 | T | | .25 | T | | T | | T | | T | 1.49 | | .03 | .23 | 2.81 | | | .03 | 1.12 | .22 |
| MOORESTOWN | - | | .03 | | | | | * | * | * | * | 3.39 | | | * | .21 | | | | | | | 1.29 | T | .02 | | 1.97 | | | | - | - |
| NEW BRUNSWICK | 5.80 | .03 | .01 | | T | | | | 1.00 | .08 | T | 1.50 | .04 | | .29 | .07 | | | | .01 | | | .60 | .68 | .02 | T | 1.38 | T | | | .02 | .07 |
| PEMBERTON 3 E | 8.76 | .02 | .07 | | | | | .09 | 1.66 | T | .65 | 1.25 | | | .18 | | | | | | | | 1.29 | | .03 | .07 | 2.21 | | | | .39 | .85 |
| PRINCETON WATER WORKS | 6.77 | T | | T | | | | .68 | .63 | | 1.38 | .26 | | | .25 | T | | | | .02 | | T | 1.20 | | .01 | .31 | 1.12 | | | | .35 | .56 |
| SEABROOK FARMS | 8.97 | .02 | | .01 | | | | | 1.32 | .02 | T | 1.71 | T | | | .36 | | | .01 | | | | .88 | .45 | | | 2.82 | | | | .07 | 1.30 |
| SHILOH | 8.07 | .06 | | | | | | .14 | 1.09 | | .44 | .93 | | | .34 | | | | | | | | 1.20 | .06 | | | 2.55 | | | | .53 | .73 |
| TOMS RIVER | 9.71 | | T | | | | | | 2.01 | .05 | | 1.52 | | | | .18 | | | | | | | .66 | .65 | | | 3.34 | .12 | | | .03 | 1.15 |
| TRENTON WB CITY R | 6.86 | .04 | | T | T | | | .64 | .57 | | 1.52 | .33 | | | .23 | T | | | .01 | | .02 | .01 | .99 | | .03 | .35 | 1.29 | | | .01 | .44 | .38 |
| TUCKERTON | 7.59 | .01 | .01 | | T | | | .18 | .87 | T | .63 | .58 | | | .19 | T | | T | | T | T | | .90 | T | .02 | .09 | 2.68 | T | | | .72 | .71 |
| WOODSTOWN | 8.85 | .02 | T | T | | | | .20 | 1.49 | T | .50 | 1.03 | | | .30 | | | | | T | | | 1.48 | .01 | T | .01 | 2.35 | | | | .60 | .86 |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 6.55 | | | | | | | .34 | .35 | | .91 | .21 | | | .31 | | | | | | | | .72 | | | .49 | 1.90 | | | .01 | .99 | .32 |
| CAPE MAY 1 NW | 6.77 | | | | | | | | .59 | | | 1.68 | | | .03 | .20 | | | | | | | .59 | .13 | T | T | 2.05 | | | | .16 | 1.34 |
| LONG BRANCH 2S | 8.41 | .01 | T | | T | | | .07 | 1.44 | T | .44 | .87 | | | .39 | T | | | | .01 | | | 1.26 | T | .05 | .03 | 2.71 | .04 | | | .24 | .85 |
| SANDY HOOK | 7.52 | .01 | | | | | | * | 1.49 | T | .10 | 1.34 | | | * | .42 | | | | | | | * | 1.29 | .01 | | * | * | * | 1.95 | .16 | .75 |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent | | | | Number of days with precipitation | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | Standard of Time EASTERN 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | Percent of Possible sunshine | Average sky cover sunrise to sunset |
| ATLANTIC CITY WB AIRPORT | 30 | 7.9 | 13.1 | 36++ | 29 | 27 | 76 | 76 | 63 | 71 | 8 | 2 | 3 | 4 | 3 | 0 | 20 | 37 | 6.8 |
| ATLANTIC CITY ST. MARINA | - | - | - | 46 | NW | 27 | - | - | - | - | 0 | 1 | 6 | 3 | 1 | 0 | 11 | - | - |
| NEWARK WB AIRPORT | 31 | 8.1 | 13.3 | 39++ | 30 | 27 | 66 | 68 | 59 | 63 | 3 | 6 | 5 | 4 | 1 | 0 | 19 | - | 6.7 |
| TRENTON WB CITY | - | - | - | 36 | NW | 27 | - | - | - | - | 3 | 6 | 5 | 3 | 2 | 0 | 19 | 41 | 6.7 |

# DAILY TEMPERATURES

NEW JERSEY
DECEMBER 1969

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 38 | 37 | 35 | 44 | 33 | 36 | 44 | 34 | 34 | 47 | 60 | 47 | 47 | 39 | 36 | 36 | 31 | 34 | 34 | 36 | 33 | 34 | 34 | 21 | 30 | 23 | 31 | 34 | 37 | 40 | 34 | 36.5 |
| | MIN | 29 | 18 | 23 | 18 | 18 | 15 | 16 | 21 | 26 | 26 | 33 | 29 | 23 | 22 | 27 | 20 | 17 | 10 | 11 | 20 | 8 | 11 | 13 | 15 | 2 | 6 | 19 | 20 | 20 | 21 | 23 | 18.7 |
| BOONTON 1 SE | MAX | 40 | 39 | 34 | 44 | 31 | 35 | 40 | 38 | 43 | 46 | 59 | 54 | 47 | 39 | 33 | 36 | 30 | 31 | 33 | 39 | 31 | 33 | 36 | 23 | 25 | 28 | 32 | 29 | 35 | 42 | 34 | 36.7 |
| | MIN | 31 | 20 | 21 | 20 | 18 | 21 | 18 | 21 | 35 | 32 | 35 | 30 | 30 | 25 | 28 | 25 | 13 | 11 | 13 | 25 | 12 | 14 | 15 | 14 | 5 | 10 | 20 | 22 | 24 | 25 | 28 | 22.0 |
| CANOE BROOK | MAX | 42 | 40 | 36 | 48 | 33 | 37 | 43 | 43 | 45 | 48 | 60 | 53 | 51 | 41 | 34 | 39 | 31 | 34 | 33 | 41 | 33 | 34 | 35 | 23 | 25 | 31 | 34 | 30 | 38 | 43 | 33 | 38.4 |
| | MIN | 26 | 20 | 20 | 20 | 17 | 17 | 16 | 17 | 33 | 28 | 32 | 31 | 27 | 23 | 30 | 23 | 13 | 12 | 13 | 25 | 13 | 16 | 15 | 14 | 9 | 9 | 21 | 22 | 24 | 26 | 29 | 20.7 |
| CHARLOTTEBURG | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRANFORD | MAX | 42 | 36 | 46 | 38 | 37 | 43 | 40 | 46 | 48 | 45 | 60 | 50 | 45 | 36 | 38 | 35 | 33 | 33 | 39 | 38 | 35 | 37 | 35 | 26 | 26 | 36 | 30 | 38 | 42 | 39 | 34 | 38.9 |
| | MIN | 31 | 21 | 32 | 20 | 22 | 19 | 21 | 32 | 36 | 34 | 42 | 31 | 27 | 26 | 32 | 25 | 14 | 14 | 28 | 25 | 15 | 30 | 16 | 15 | 11 | 20 | 23 | 29 | 25 | 31 | 25 | 24.9 |
| ELIZABETH | MAX | 42 | 37 | 47 | 38 | 40 | 43 | 40 | 48 | 49 | 45 | 59 | 52 | 45 | 38 | 40 | 36 | 35 | 34 | 42 | 38 | 35 | 37 | 36 | 30 | 28 | 37 | 32 | 40 | 40 | 36 | 35 | 39.8 |
| | MIN | 31 | 22 | 31 | 22 | 24 | 19 | 22 | 34 | 35 | 38 | 43 | 34 | 28 | 27 | 32 | 25 | 17 | 17 | 24 | 25 | 20 | 30 | 18 | 20 | 23 | 24 | 23 | 28 | 26 | 32 | 29 | 26.5 |
| ESSEX FELLS SERV BLDG | MAX | 40 | 39 | 35 | 44 | 39 | 35 | 40 | 42 | 44 | 46 | 59 | 49 | 47 | 39 | 36 | 37 | 31 | 32 | 38 | 39 | 32 | 34 | 35 | 23 | 23 | 32 | 32 | 33 | 35 | 36 | 33 | 37.4 |
| | MIN | 29 | 20 | 25 | 20 | 22 | 17 | 18 | 25 | 32 | 30 | 39 | 32 | 26 | 24 | 30 | 21 | 12 | 13 | 23 | 22 | 14 | 18 | 14 | 14 | 7 | 18 | 20 | 23 | 22 | 29 | 27 | 22.1 |
| FLEMINGTON 1 NE | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HIGH POINT PARK | MAX | 33 | 33 | 31 | 38 | 25 | 30 | 34 | 33 | 36 | 41 | 54 | 45 | 41 | 33 | 28 | 30 | 25 | 28 | 28 | 32 | 25 | 31 | 30 | 19 | 20 | 21 | 22 | 23 | 29 | 33 | 30 | 31.0 |
| | MIN | 11 | 11 | 12 | 12 | 13 | 15 | 15 | 19 | 19 | 19 | 18 | 21 | 23 | 19 | 18 | 18 | 14 | 16 | 15 | 15 | 13 | 15 | 5 | 6 | - 8 | - 9 | -11 | -10 | -11 | - 5 | 19 | 10.5 |
| JERSEY CITY | MAX | 40 | 35 | 46 | 32 | 37 | 42 | 38 | 47 | 47 | 49 | 58 | 50 | 40 | 35 | 38 | 32 | 33 | 32 | 40 | 34 | 35 | 35 | 25 | 27 | 28 | 37 | 29 | 36 | 42 | 34 | 34 | 37.6 |
| | MIN | 31 | 22 | 30 | 24 | 26 | 25 | 23 | 35 | 38 | 39 | 39 | 37 | 33 | 29 | 29 | 25 | 21 | 22 | 28 | 25 | 21 | 25 | 18 | 16 | 12 | 28 | 23 | 25 | 27 | 31 | 31 | 27.0 |
| LAMBERTVILLE | MAX | 41 | 37 | 48 | 36 | 38 | 43 | 36 | 45 | 48 | 43 | 60 | 48 | 43 | 35 | 37 | 34 | 33 | 35 | 41 | 37 | 35 | 37 | 32 | 29 | 25 | 33 | 34 | 41 | 39 | 34 | 34 | 38.4 |
| | MIN | 30 | 22 | 32 | 22 | 25 | 17 | 18 | 33 | 31 | 30 | 43 | 29 | 27 | 25 | 32 | 23 | 14 | 14 | 30 | 26 | 14 | 29 | 18 | 19 | 10 | 21 | 25 | 30 | 27 | 30 | 30 | 25.0 |
| LAYTON 2 | MAX | 37 | 35 | 31 | 43 | 30 | 33 | 38 | 33 | 36 | 44 | 54 | 48 | 43 | 36 | 31 | 34 | 29 | 30 | 29 | 36 | 29 | 32 | 32 | 20 | 25 | 25 | 30 | 28 | 34 | 37 | 32 | 34.0 |
| | MIN | 27 | 16 | 17 | 16 | 16 | 16 | 12 | 25 | 29 | 26 | 28 | 28 | 24 | 21 | 27 | 13 | 7 | 6 | 10 | 21 | 7 | 18 | 8 | 11 | -11 | -11 | 19 | 22 | 10 | 13 | 25 | 16.0 |
| LITTLE FALLS | MAX | 40 | 40 | 36 | 45 | 33 | 37 | 43 | 43 | 45 | 48 | 58 | 55 | 50 | 41 | 35 | 38 | 33 | 33 | 35 | 40 | 34 | 35 | 36 | 22 | 26 | 31 | 34 | 34 | 36 | 42 | 35 | 38.5 |
| | MIN | 26 | 21 | 24 | 21 | 24 | 23 | 19 | 27 | 33 | 32 | 37 | 34 | 31 | 28 | 3 | 24 | 16 | 15 | 20 | 27 | 18 | 30 | 16 | 17 | 9 | 15 | 22 | 22 | 26 | 28 | 29 | 24.0 |
| LONG VALLEY | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORRIS PLAINS 1 W | MAX | 40 | 39 | 35 | 45 | 31 | 36 | 41 | 38 | 44 | 46 | 59 | 55 | 48 | 40 | 33 | 36 | 31 | 34 | 33 | 38 | 32 | 34 | 36 | 22 | 25 | 27 | 33 | 29 | 35 | 40 | 33 | 37.0 |
| | MIN | 30 | 19 | 20 | 16 | 14 | 21 | 16 | 22 | 35 | 32 | 35 | 31 | 30 | 22 | 27 | 23 | 9 | 11 | 11 | 21 | 10 | 15 | 12 | 13 | 8 | 9 | 20 | 18 | 23 | 23 | 28 | 20.1 |
| NEWARK WB AIRPORT | MAX | 42 | 36 | 48 | 34 | 38 | 43 | 39 | 48 | 48 | 56 | 57 | 51 | 41 | 36 | 39 | 34 | 35 | 34 | 41 | 34 | 36 | 37 | 26 | 29 | 28 | 36 | 30 | 37 | 41 | 35 | 33 | 38.8 |
| | MIN | 31 | 24 | 29 | 25 | 26 | 23 | 27 | 37 | 38 | 38 | 43 | 36 | 31 | 31 | 29 | 25 | 21 | 22 | 29 | 25 | 21 | 26 | 18 | 17 | 13 | 27 | 24 | 27 | 27 | 31 | 27 | 27.4 |
| NEWTON | MAX | 37 | 37 | 32 | 42 | 30 | 33 | 33 | 35 | 37 | 44 | 58 | 49 | 47 | 38 | 44 | 34 | 28 | 31 | 31 | 37 | 42 | 32 | 33 | 19 | 18 | 22 | 30 | 28 | 34 | 38 | 31 | 35.0 |
| | MIN | 27 | 17 | 16 | 17 | 18 | 11 | 15 | 18 | 33 | 28 | 33 | 33 | 27 | 22 | 26 | 18 | 8 | 8 | 9 | 25 | 12 | 14 | 10 | 10 | 0 | 0 | 19 | 20 | 21 | 19 | 21 | 17.9 |
| PATERSON | MAX | 42 | 41 | 35 | 40 | 33 | 37 | 43 | 43 | 45 | 48 | 60 | 55 | 50 | 42 | 36 | 39 | 33 | 35 | 34 | 40 | 34 | 36 | 34 | 34 | 27 | 31 | 34 | 31 | 36 | 41 | 35 | 38.8 |
| | MIN | 32 | 23 | 23 | 22 | 23 | 25 | 24 | 24 | 36 | 37 | 39 | 38 | 33 | 30 | 30 | 26 | 19 | 16 | 20 | 24 | 19 | 24 | 16 | 17 | 10 | 12 | 23 | 24 | 26 | 27 | 29 | 24.9 |
| PHILLIPSBURG | MAX | 42 | 36 | 45 | 36 | 38 | 43 | 44 | 42 | 46 | 45 | 60 | 54 | 43 | 41 | 38 | 36 | 34 | 34 | 43 | 40 | 36 | 36 | 35 | 30 | 27 | 33 | 34 | 40 | 40 | 38 | 34 | 39.5 |
| | MIN | 31 | 20 | 30 | 19 | 22 | 21 | 19 | 30 | 30 | 29 | 36 | 31 | 24 | 25 | 31 | 22 | 12 | 13 | 25 | 23 | 13 | 27 | 15 | 15 | 4 | 13 | 23 | 20 | 24 | 23 | 21 | 22.3 |
| PLAINFIELD | MAX | 41 | 35 | 47 | 33 | 36 | 41 | 37 | 47 | 49 | 43 | 60 | 50 | 40 | 36 | 39 | 32 | 34 | 32 | 40 | 33 | 35 | 36 | 29 | 27 | 28 | 35 | 29 | 37 | 40 | 34 | 33 | 37.7 |
| | MIN | 31 | 22 | 30 | 22 | 24 | 18 | 22 | 32 | 37 | 34 | 40 | 31 | 27 | 26 | 32 | 25 | 16 | 16 | 27 | 25 | 16 | 29 | 17 | 19 | 11 | 28 | 23 | 28 | 24 | 32 | 27 | 25.5 |
| SOMERVILLE | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUSSEX 1 SE | MAX | 36 | 34 | 32 | 43 | 29 | 34 | 39 | 33 | 37 | 45 | 52 | 52 | 45 | | 30 | 33 | 28 | 31 | 29 | 35 | 29 | 34 | 32 | 28 | 22 | 22 | 31 | 29 | 34 | 40 | 30 | 34.3 |
| | MIN | 23 | 13 | 14 | 14 | 14 | 14 | 11 | 14 | 28 | 28 | 28 | 28 | 24 | | 24 | 16 | 2 | 1 | 3 | 23 | 5 | 6 | 2 | 7 | - 6 | - 5 | 18 | 15 | 15 | 18 | 20 | 13.9 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 45 | 36 | 48 | 33 | 37 | 43 | 48 | 58 | 47 | 59 | 59 | 47 | 39 | 41 | 37 | 33 | 32 | 39 | 42 | 35 | 38 | 57 | 34 | 32 | 42 | 52 | 34 | 40 | 43 | 40 | 41 | 42.3 |
| | MIN | 29 | 26 | 30 | 22 | 23 | 18 | 20 | 44 | 39 | 39 | 42 | 33 | 26 | 30 | 29 | 20 | 19 | 17 | 29 | 21 | 16 | 26 | 21 | 19 | 16 | 28 | 25 | 28 | 25 | 34 | 34 | 26.7 |
| AUDUBON | MAX | 43 | 38 | 50 | 35 | 39 | 44 | 44 | 50 | 49 | 62 | 62 | 55 | 40 | 36 | 39 | 34 | 44 | 36 | 43 | 37 | 38 | 38 | 37 | 30 | 28 | 36 | 35 | 40 | 42 | 35 | 38 | 41.2 |
| | MIN | 29 | 26 | 33 | 24 | 26 | 27 | 23 | 40 | 37 | 36 | 45 | 34 | 29 | 28 | 32 | 26 | 24 | 20 | 32 | 28 | 19 | 27 | 20 | 19 | 15 | 28 | 25 | 28 | 28 | 32 | 30 | 28.1 |
| BELLEPLAIN ST FOREST | MAX | 45 | 38 | 49 | 41 | 38 | 43 | 43 | 56 | 50 | 48 | 60 | 52 | 45 | 40 | 40 | 38 | 34 | 37 | 44 | 40 | 40 | 53 | 37 | 30 | 33 | 53 | 37 | 41 | 45 | 40 | 41 | 42.9 |
| | MIN | 33 | 25 | 29 | 26 | 23 | 14 | 16 | 37 | 39 | 38 | 45 | 30 | 22 | 21 | 32 | 26 | 14 | 12 | 31 | 27 | 12 | 22 | 16 | 24 | 11 | 31 | 24 | 26 | 26 | 32 | 35 | 25.8 |
| BURLINGTON | MAX | 43 | 38 | 48 | 40 | 38 | 42 | 40 | 50 | 49 | 46 | 62 | 50 | 44 | 37 | 40 | 38 | 32 | 34 | 36 | 38 | 37 | 39 | 34 | 26 | 28 | 30 | 36 | 40 | 37 | 37 | 38 | 39.6 |
| | MIN | 32 | 32 | 32 | 31 | 24 | 24 | 27 | 38 | 43 | 37 | 44 | 34 | 28 | 29 | 32 | 25 | 27 | 15 | 32 | 27 | 18 | 32 | 19 | 23 | 22 | 23 | 23 | 15 | 28 | 27 | 29 | 28.1 |
| CHATSWORTH | MAX | 43 | 37 | 48 | 48 | 38 | 43 | 43 | 58 | 55 | 46 | 61 | 51 | 46 | 40 | 37 | 37 | 37 | 35 | 43 | 38 | 38 | 41 | 35 | 30 | 26 | 50 | 31 | | 42 | 38 | 37 | 41.7 |
| | MIN | 31 | 22 | 27 | 21 | 20 | 13 | 16 | 38 | 36 | 34 | 46 | 30 | 27 | 23 | 30 | 20 | 15 | 12 | 25 | 20 | 10 | 27 | 18 | 22 | 12 | 25 | 24 | 25 | 26 | 30 | 32 | 24.4 |
| FREEHOLD | MAX | 42 | 41 | 35 | 47 | 33 | 36 | 42 | 47 | 55 | 41 | 60 | 51 | 47 | 41 | 37 | 37 | 32 | 32 | 36 | 35 | 34 | 36 | 37 | 25 | 26 | 36 | 38 | 32 | 37 | 38 | 33 | 38.7 |
| | MIN | 30 | 21 | 22 | 21 | 21 | 20 | 20 | 30 | 37 | 33 | 39 | 32 | 21 | 27 | 32 | 25 | 18 | 15 | 20 | 26 | 17 | 20 | 18 | 19 | 13 | 16 | 23 | 25 | 25 | 26 | 30 | 23.9 |
| GLASSBORO | MAX | 52 | 44 | 42 | 47 | 34 | 36 | 42 | 49 | 50 | 47 | 63 | 54 | 47 | 39 | 36 | 39 | 32 | 33 | 40 | 41 | 34 | 40 | 36 | 26 | 41 | 38 | 38 | 30 | 30 | 40 | 38 | 40.6 |
| | MIN | 29 | 25 | 23 | 24 | 23 | 20 | 20 | 28 | 35 | 35 | 38 | 33 | 27 | 24 | 31 | 25 | 20 | 17 | 20 | 26 | 16 | 22 | 16 | 18 | 12 | 14 | 24 | 24 | 24 | 26 | 26 | 24.0 |
| HAMMONTON 2 NNE | MAX | 46 | 45 | 40 | 51 | 35 | 39 | 45 | 55 | 54 | 48 | 62 | 55 | 48 | 40 | 39 | 39 | 35 | 34 | 39 | 47 | 38 | 39 | 39 | 24 | 31 | 44 | 44 | 38 | 43 | 45 | 34 | 42.4 |
| | MIN | 30 | 17 | 24 | 24 | 15 | 18 | 17 | 30 | 29 | 31 | 37 | 33 | 27 | 26 | 27 | 22 | 19 | 17 | 21 | 26 | 17 | 30 | 19 | 14 | 13 | 16 | 25 | 25 | 28 | 29 | 30 | 23.7 |
| HIGHTSTOWN 1 N | MAX | 41 | 35 | 48 | 34 | 36 | 40 | 39 | 50 | 48 | 45 | 60 | 49 | 43 | 37 | 38 | 34 | 32 | 33 | 41 | 36 | 35 | 37 | 32 | 28 | 26 | 36 | 33 | 38 | 38 | 34 | 34 | 38.4 |
| | MIN | 31 | 21 | 31 | 22 | 22 | 18 | 19 | 34 | 34 | 34 | 45 | 34 | 26 | 26 | 32 | 24 | 17 | 15 | 31 | 26 | 17 | 29 | 18 | 19 | 11 | 25 | 25 | 28 | 26 | 31 | 30 | 25.8 |
| INDIAN MILLS 2 W | MAX | 43 | 36 | 48 | 38 | 36 | 41 | 42 | 55 | 47 | 48 | 61 | 47 | 42 | 38 | 38 | 34 | 32 | 35 | 42 | 36 | 37 | 37 | 32 | 28 | 30 | 41 | 34 | 39 | 40 | 35 | 37 | 39.6 |
| | MIN | 31 | 24 | 31 | 22 | 24 | 13 | 13 | 37 | 35 | 32 | 45 | 30 | 27 | 21 | 30 | 25 | 16 | 11 | 31 | 27 | 11 | 28 | 19 | 20 | 12 | 26 | 24 | 28 | 27 | 31 | 31 | 25.2 |
| MILLVILLE | MAX | | 45 | 38 | 49 | 35 | 38 | 45 | 55 | 53 | 49 | 63 | 55 | 47 | 40 | 40 | 41 | 34 | 35 | 40 | 45 | 38 | 39 | 40 | | | | | | | | | 43.8 |
| | MIN | | 26 | 27 | 24 | 20 | 16 | 17 | 32 | 36 | 35 | 36 | 32 | 28 | 24 | 32 | 25 | 18 | 15 | 23 | 27 | 14 | 25 | 17 | | | | | | | | | 25.0 |
| MILLVILLE FAA AIRPORT | MAX | 44 | 37 | 46 | 34 | 37 | 43 | 49 | 55 | 47 | 62 | 60 | 47 | 38 | 39 | 39 | 32 | 32 | 38 | 44 | 35 | 37 | 39 | 28 | 29 | 35 | 45 | 35 | 41 | 42 | 37 | 42 | 40.9 |
| | MIN | 30 | 26 | 30 | 24 | 26 | 17 | 19 | 43 | 38 | 39 | 43 | 32 | 24 | 24 | 31 | 23 | 16 | 16 | 30 | 19 | 14 | 24 | 20 | 21 | 17 | 30 | 28 | 30 | 28 | 32 | 32 | 26.6 |
| MOORESTOWN | MAX | 41 | | 48 | 49 | 37 | 40 | 39 | | | | 62 | 55 | | | 44 | 37 | 33 | 34 | | | | 43 | 36 | 26 | 26 | 36 | 31 | 36 | 39 | 38 | 34 | 39.3 |
| | MIN | 30 | 23 | 34 | 21 | 24 | 20 | 24 | | | | | 36 | | | 24 | 24 | 21 | 15 | | | | 16 | 18 | 19 | 14 | 23 | 25 | 28 | 24 | 30 | 30 | 23.8 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | MAX | 40 | 41 | 35 | 47 | 32 | 36 | 44 | 45 | 49 | 48 | 61 | 51 | 49 | 39 | 37 | 39 | 31 | 33 | 36 | 41 | 33 | 35 | 36 | 24 | 27 | 35 | 34 | 37 | 38 | 37 | 35 | 38.7 |
| | MIN | 29 | 21 | 27 | 21 | 22 | 21 | 24 | 33 | 35 | 36 | 38 | 35 | 28 | 28 | 32 | 23 | 19 | 18 | 22 | 27 | 16 | 22 | 17 | 18 | 11 | 21 | 24 | 21 | 25 | 26 | 29 | 24.6 |
| PEMBERTON 3 E | MAX | 43 | 35 | 47 | 34 | 38 | 43 | 41 | 55 | 48 | 45 | 61 | 49 | 44 | 38 | 37 | 33 | 34 | 37 | 43 | 36 | 37 | 38 | 34 | 31 | 37 | 39 | 33 | 39 | 39 | 36 | 37 | 39.9 |
| | MIN | 32 | 22 | 31 | 22 | 22 | 17 | 18 | 35 | 34 | 34 | 44 | 29 | 26 | 25 | 31 | 19 | 14 | 13 | 30 | 23 | 13 | 30 | 18 | 20 | 14 | 30 | 25 | 27 | 25 | 30 | 32 | 25.3 |
| SEABROOK FARMS | MAX | 43 | 44 | 36 | 50 | 34 | 37 | 43 | 52 | 50 | 47 | 62 | 54 | 47 | 38 | 37 | 40 | 32 | 32 | 39 | 43 | 36 | 37 | 38 | 26 | 29 | 40 | 39 | 35 | 40 | 41 | 35 | 40.5 |
| | MIN | 33 | 27 | 28 | 24 | 23 | 17 | 19 | 32 | 34 | 34 | 40 | 36 | 27 | 31 | 25 | 26 | 18 | 18 | 24 | 28 | 15 | 29 | 19 | 20 | 16 | 18 | 26 | 27 | 26 | 27 | 32 | 25.8 |
| SHILOH | MAX | 43 | 37 | 48 | 38 | 38 | 44 | 40 | 51 | 47 | 44 | 60 | 48 | 43 | 37 | 40 | 34 | 33 | 37 | 43 | 39 | 37 | 38 | 32 | 28 | 28 | 39 | 35 | 40 | 41 | 37 | 40 | 40.0 |
| | MIN | 32 | 25 | 28 | 23 | 24 | 20 | 24 | 37 | 35 | 35 | 43 | 34 | 26 | 32 | 32 | 25 | 19 | 21 | 30 | 26 | 18 | 30 | 18 | 22 | 16 | 25 | 25 | 29 | 27 | 31 | 32 | 27.2 |
| TOMS RIVER | MAX | 43 | 44 | 36 | 49 | 33 | 38 | 41 | 54 | 58 | 47 | 59 | 55 | 48 | 40 | 40 | 38 | 33 | 32 | 39 | 42 | 35 | 39 | 48 | 30 | 29 | 45 | 52 | 35 | 40 | 40 | 39 | 42.0 |
| | MIN | 27 | 23 | 25 | 24 | 22 | 20 | 17 | 26 | 39 | 35 | 41 | 32 | 27 | 24 | 33 | 25 | 17 | 15 | 17 | 25 | 12 | 28 | 19 | 20 | 16 | 25 | 26 | 26 | 28 | 28 | 32 | 25.0 |
| TRENTON WB CITY | MAX | 41 | 35 | 47 | 33 | 37 | 41 | 39 | 50 | 48 | 62 | 62 | 47 | 37 | 36 | 37 | 32 | 32 | 33 | 41 | 33 | 36 | 38 | 26 | 28 | 30 | 35 | 34 | 40 | 37 | 36 | 35 | 38.6 |
| | MIN | 29 | 23 | 33 | 24 | 26 | 24 | 29 | 39 | 38 | 39 | 44 | 34 | 30 | 30 | 32 | 25 | 23 | 23 | 33 | 26 | 23 | 26 | 19 | 18 | 13 | 28 | 25 | 30 | 28 | 31 | 31 | 28.3 |
| TUCKERTON | MAX | 38 | 38 | 49 | 35 | 38 | 44 | 43 | 56 | 53 | 51 | 56 | 48 | 42 | 41 | 39 | 37 | 33 | 36 | 43 | 37 | 39 | 51 | 34 | 31 | 35 | 52 | 35 | 40 | 45 | 39 | 41 | 41.9 |
| | MIN | 31 | 23 | 31 | 23 | 22 | 20 | 20 | 42 | 39 | 37 | 45 | 33 | 27 | 25 | 31 | 25 | 17 | 15 | 32 | 24 | 15 | 27 | 19 | 22 | 17 | 31 | 24 | 29 | 27 | 32 | 34 | 27.1 |
| WOODSTOWN | MAX | 43 | 36 | 48 | 39 | 38 | 43 | 40 | 48 | 48 | 45 | 63 | 50 | 44 | 37 | 40 | 34 | 34 | 36 | 43 | 40 | 35 | 38 | 34 | 29 | 27 | 40 | 35 | 40 | 40 | 37 | 40 | 40.1 |
| | MIN | 25 | 19 | 29 | 23 | 25 | 20 | 19 | 36 | 35 | 35 | 44 | 32 | 28 | 24 | 32 | 25 | 17 | 17 | 31 | 28 | 17 | 26 | 18 | 21 | 16 | 21 | 27 | 24 | 25 | 31 | 31 | 25.8 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 47 | 40 | 50 | 35 | 39 | 45 | 50 | 56 | 48 | 57 | 58 | 49 | 41 | 45 | 39 | 35 | 34 | 44 | 45 | 37 | 43 | 53 | 37 | 33 | 46 | 54 | 38 | 43 | 45 | 43 | 43 | 44.3 |
| | MIN | 30 | 28 | 34 | 28 | 28 | 27 | 28 | 48 | 42 | 42 | 47 | 36 | 32 | 35 | 32 | 26 | 24 | 24 | 33 | 27 | 25 | 30 | 24 | 26 | 23 | 33 | 30 | 33 | 32 | 35 | 35 | 31.5 |
| CAPE MAY 1 NW | MAX | 44 | 46 | 40 | 47 | 35 | 37 | 40 | 54 | 52 | 45 | 58 | 55 | 46 | 43 | 44 | 40 | 33 | 34 | 41 | 44 | 37 | 51 | 52 | 33 | 31 | 52 | 47 | 36 | 40 | 40 | 43 | 43.2 |
| | MIN | 36 | 29 | 30 | 27 | 27 | 30 | 25 | 33 | 39 | 40 | 44 | 37 | 32 | 32 | 31 | 29 | 26 | 22 | 25 | 29 | 21 | 21 | 21 | 22 | 20 | 25 | 28 | 21 | 21 | 32 | 36 | 28.7 |
| LONG BRANCH 2S | MAX | 43 | 36 | 48 | 35 | 40 | 42 | 41 | 55 | 48 | 47 | 57 | 50 | 42 | 41 | 39 | 35 | 34 | 35 | 42 | 37 | 37 | 41 | 35 | 29 | 33 | 49 | 32 | 39 | 41 | 37 | 36 | 40.5 |
| | MIN | 32 | 23 | 32 | 23 | 23 | 20 | 23 | 39 | 39 | 37 | 45 | 34 | 29 | 27 | 33 | 26 | 18 | 19 | 32 | 27 | 19 | 29 | 19 | 24 | 15 | 32 | 25 | 29 | 26 | 32 | 31 | 27.8 |
| SANDY HOOK | MAX | 44 | 38 | 46 | 43 | | 42 | 40 | 53 | 49 | 46 | 57 | 50 | 44 | 40 | 46 | 36 | 38 | 34 | 41 | 40 | 37 | 39 | 36 | 29 | 29 | 42 | 37 | 34 | 34 | 36 | 36 | 40.5 |
| | MIN | 36 | 25 | 33 | 26 | | 28 | 33 | 28 | 40 | 40 | 43 | 40 | 35 | 32 | 32 | 29 | 25 | 25 | 32 | 32 | 26 | 32 | 27 | 22 | 19 | 29 | 25 | 29 | 28 | 31 | 32 | 30.5 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 43 | 39 | 42 | 37 | 36 | 36 | 36 | 43 | 45 | 46 | 52 | 45 | 42 | 40 | 40 | 37 | 35 | 35 | 37 | 35 | 35 | 35 | 34 | 34 | 33 | 34 | 34 | 36 | 35 | 34 | 35 | 38.1 |
| | | MIN | 38 | 37 | 37 | 34 | 34 | 34 | 34 | 36 | 41 | 41 | 45 | 42 | 39 | 39 | 37 | 35 | 34 | 34 | 35 | 34 | 34 | 34 | 33 | 33 | 33 | 33 | 34 | 34 | 33 | 34 | 34 | 35.8 |
| | 2 | MAX | 43 | 40 | 42 | 39 | 36 | 36 | 37 | 43 | 45 | 45 | 51 | 45 | 43 | 41 | 40 | 38 | 36 | 35 | 37 | 36 | 35 | 36 | 35 | 34 | 34 | 35 | 35 | 36 | 35 | 35 | 36 | 38.5 |
| | | MIN | 40 | 38 | 38 | 36 | 35 | 35 | 35 | 37 | 42 | 41 | 45 | 43 | 40 | 40 | 38 | 36 | 35 | 35 | 35 | 35 | 34 | 35 | 34 | 34 | 34 | 34 | 34 | 35 | 34 | 35 | 35 | 36.7 |
| | 4 | MAX | 42 | 43 | 39 | 41 | 40 | 38 | 36 | 41 | 43 | 45 | 50 | 50 | 45 | 42 | 41 | 41 | 39 | 37 | 37 | 38 | 37 | 36 | 37 | 36 | 36 | 35 | 35 | 35 | 36 | 36 | 36 | 39.4 |
| | | MIN | 41 | 39 | 38 | 38 | 38 | 36 | 35 | 36 | 41 | 42 | 43 | 45 | 41 | 40 | 40 | 38 | 37 | 36 | 36 | 36 | 35 | 35 | 35 | 35 | 34 | 34 | 35 | 35 | 35 | 34 | 34 | 37.3 |
| | 8 | MAX | 44 | 44 | 43 | 43 | 43 | 40 | 40 | 41 | 44 | 45 | 47 | 48 | 46 | 44 | 42 | 42 | 42 | 40 | 39 | 39 | 39 | 38 | 38 | 38 | 38 | 37 | 37 | 37 | 37 | 37 | 37 | 40.9 |
| | | MIN | 43 | 42 | 41 | 41 | 40 | 39 | 39 | 39 | 41 | 42 | 43 | 46 | 43 | 42 | 42 | 41 | 40 | 38 | 38 | 38 | 38 | 37 | 37 | 37 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 39.3 |
| | 20 | MAX | 48 | 47 | 46 | 46 | 45 | 45 | 44 | 44 | 45 | 45 | 46 | 47 | 47 | 46 | 45 | 45 | 44 | 43 | 43 | 42 | 42 | 42 | 42 | 42 | 41 | 41 | 41 | 41 | 40 | 40 | 40 | 43.7 |
| | | MIN | 47 | 46 | 46 | 45 | 45 | 44 | 43 | 43 | 44 | 45 | 45 | 46 | 46 | 45 | 45 | 44 | 43 | 43 | 42 | 42 | 42 | 41 | 41 | 41 | 40 | 04 | 40 | 40 | 40 | 39 | 40 | 43.1 |
| | 40 | MAX | 51 | 51 | 50 | 50 | 49 | 49 | 49 | 49 | 48 | 48 | 48 | 48 | 49 | 49 | 48 | 49 | 48 | 47 | 47 | 46 | 46 | 46 | 46 | 46 | 45 | 45 | 45 | 45 | 44 | 44 | 44 | 47.4 |
| | | MIN | 50 | 50 | 50 | 49 | 49 | 48 | 48 | 48 | 47 | 47 | 48 | 48 | 48 | 48 | 48 | 48 | 47 | 46 | 46 | 46 | 45 | 45 | 45 | 45 | 45 | 45 | 44 | 44 | 43 | 43 | 43 | 46.6 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 43 | 36 | 41 | 35 | 34 | 34 | 34 | 42 | 47 | 45 | 52 | 46 | 40 | 36 | 42 | 36 | 35 | 34 | 34 | 34 | 34 | 34 | 33 | 31 | 32 | 35 | 34 | 35 | 33 | 34 | 35 | 37.1 |
| | | MIN | 36 | 34 | 34 | 33 | 31 | 30 | 32 | 34 | 39 | 38 | 43 | 40 | 36 | 35 | 35 | 34 | 32 | 32 | 34 | 31 | 29 | 33 | 29 | 30 | 26 | 31 | 32 | 31 | 30 | 33 | 34 | 33.3 |
| | 2 | MAX | 42 | 36 | 40 | 35 | 34 | 34 | 34 | 41 | 46 | 44 | 52 | 45 | 40 | 36 | 41 | 36 | 35 | 34 | 34 | 34 | 34 | 34 | 33 | 32 | 32 | 35 | 34 | 35 | 33 | 34 | 35 | 36.9 |
| | | MIN | 36 | 34 | 34 | 33 | 31 | 30 | 32 | 34 | 39 | 38 | 43 | 40 | 36 | 35 | 35 | 35 | 33 | 32 | 34 | 31 | 30 | 33 | 31 | 30 | 27 | 31 | 32 | 31 | 30 | 33 | 34 | 33.5 |
| | 4 | MAX | 42 | 38 | 39 | 38 | 35 | 34 | 41 | 43 | 44 | 50 | 44 | 41 | 38 | 40 | - | 37 | 36 | 34 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | 35 | 34 | 34 | 35 | 37.4 |
| | | MIN | 38 | 35 | 35 | 35 | 34 | 33 | 34 | 34 | 39 | 39 | 44 | 41 | 38 | 36 | 37 | 36 | 34 | 34 | 34 | 34 | 34 | 33 | 33 | 34 | 33 | 33 | 34 | 34 | 33 | 33 | 34 | 35.2 |
| | 8 | MAX | 42 | 40 | 39 | 40 | 38 | 37 | 37 | 40 | 45 | 43 | 46 | 45 | 43 | 40 | 40 | 39 | 38 | 37 | 37 | 36 | 36 | 36 | 36 | 36 | 35 | 36 | 36 | 36 | 35 | 36 | 36 | 38.6 |
| | | MIN | 40 | 37 | 38 | 38 | 37 | 36 | 36 | 36 | 39 | 41 | 43 | 43 | 40 | 38 | 39 | 38 | 37 | 37 | 36 | 36 | 36 | 36 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 37.2 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1: SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2: SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# SNOWFALL AND SNOW ON GROUND

NEW JERSEY
DECEMBER 1969

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * *<br>NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | .3 | T | | .3 | | | | 1.0 | T | | | | | .7 | 4.0 | | | | T | T | | .3 | 2.0 | .5 | | 10.0 | .5 | | | | T |
| | SN ON GND | T | T | | T | | | | 5 | | | | | | 1 | 4 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 4 | 5 | 5 | 14 | 15 | 13 | 12 | 11 | 10 |
| LAMBERTVILLE | SNOWFALL | T | T | | | | | T | T | | | | | | 2.0 | | | | | T | T | | T | T | | .5 | 6.0 | | | | | |
| | SN ON GND | T | T | | | | | T | | | | | | | 1 | T | T | T | | | | | T | T | | 1 | 6 | 5 | 5 | 4 | 3 | 3 |
| LITTLE FALLS | SNOWFALL | 0.2 | 0.6 | | | | | | 0.4 | | | | | | 0.3 | 2.0 | | | | 0.4 | | | T | | 0.3 | | 9.5 | 1.5 | 0.2 | | | |
| | SN ON GND | T | 1 | T | | | | | T | | | | | | T | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | T | T | 10 | 1[illegible] | 8 | 7 | 6 | 5 |
| MORRIS PLAINS 1 W | SNOWFALL | .5 | .5 | | T | T | T | | 1.0 | | | | | | .5 | 4.0 | T | T | | .5 | T | | .5 | T | T | T | 7.0 | 3.0 | T | | | |
| | SN ON GND | 1 | 1 | | | | | | 1 | | | | | | 1 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 8 | 11 | 11 | 11 | 11 | 8 |
| NEWARK WB AIRPORT | SNOWFALL | .6 | | | | | | T | | | | | | | .9 | T | | | .4 | T | T | T | T | T | .2 | 2.9 | 3.2 | .3 | | | | |
| | SN ON GND | | T | | | | | | | | | | | | T | T | T | | | T | | | | | T | T | 6 | 5 | 5 | 4 | 3 | 2 |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | | | | | | | .7 | .7 | .7 | .6 | .6 | .9 |
| NEWTON | SNOWFALL | .5 | 1.2 | | | | | | 1.0 | | | | | | T | 4.0 | | | | .4 | | | .5 | 4.5 | .3 | | 8.0 | .5 | | | | .2 |
| | SN ON GND | 1 | 1 | T | | | | | 1 | T | T | | | | T | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 7 | 7 | 7 | 13 | 12 | 12 | 11 | 11 | 11 |
| PATERSON | SNOWFALL | T | 1.0 | | | | | | | | | | | | .1 | 1.3 | | | | | | | | | .3 | T | 7.1 | .2 | 1.9 | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PHILLIPSBURG | SNOWFALL | | | | | | | | | | | | | | | | | | | | | | | 2.0 | 1.0 | | 9.0 | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 1 | 10 | 9 | 9 | 9 | 9 | 8 |
| PLAINFIELD | SNOWFALL | .4 | T | T | | | | .5 | | | | | | | 1.9 | | | | | .3 | | | T | | .3 | | 7.0 | 1.5 | | | | |
| | SN ON GND | T | | | | | | | | | | | | | 2 | | | | | T | | | | | T | | 7 | 7 | 5 | 5 | 4 | 4 |
| RAHWAY | SNOWFALL | .7 | | | | | | T | | | | | | | 1.6 | .3 | | | .6 | | | | | | T | .2 | 6.0 | | | | | |
| | SN ON GND | 1 | T | | | | | T | | | | | | | 2 | T | | | 1 | T | | | | | T | T | 6 | 5 | 3 | 3 | 3 | 2 |
| WANAQUE-RAYMOND DAM | SNOWFALL | T | | | | | | | | | | | | | T | 2.5 | | | | 0.5 | | | | | T | | 8.[illegible] | 1.5 | | | T | |
| | SN ON GND | T | | | | | | | | | | | | | T | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 9 | 9 | 7 | 6 | 5 | 4 |
| * * *<br>SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | SNOWFALL | .3 | T | | T | | | T | | | | | | | T | T | | | | T | T | | T | | T | .3 | | T | | T | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | T | T | | | | | | |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BASS RIVER ST FOREST | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| FREEHOLD | SNOWFALL | | | | | | | | | | | | | | .7 | T | | | | T | T | | | | T | 3.5 | | | | | | |
| | SN ON GND | T | | | | | | | | | | | | | 1 | T | | | | T | | | | | T | 4 | 3 | 1 | 1 | 1 | 1 | 1 |
| HIGHTSTOWN 1 N | SNOWFALL | .2 | .7 | | .1 | | | .2 | | | | | | | 1.2 | T | | | | T | T | | T | .2 | .5 | .2 | 6.8 | T | | | | T |
| | SN ON GND | | | | | | | T | | | | | | | T | | | | | | | | T | T | T | T | 6 | 6 | 6 | 5 | 5 | 5 |
| INDIAN MILLS 2 W | SNOWFALL | T | 1.0 | | | | | T | | | | | | | T | | | | | T | | | T | | T | .5 | 2.0 | | | | | |
| | SN ON GND | | T | | | | | | | | | | | | | | | | | | | | T | T | T | 1 | | | | | | |
| MAYS LANDING 1 W | SNOWFALL | | .5 | | | | | | | | | | | | | | | | | | | | - | - | - | - | - | - | - | - | - | - |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | - | - | - | - | - | - | - | - | - | - |
| MILLVILLE | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | SN ON GND | | T | | | | | | | | | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| MILLVILLE FAA AIRPORT | SNOWFALL | T | T | | T | | | | | | | | T | | | T | | T | | T | | T | T | | T | T | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | T | T | | | | | | |
| MOORESTOWN | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NEW BRUNSWICK | SNOWFALL | .3 | .2 | | T | | | | .3 | | | | | | .6 | .1 | | | | .1 | | | .1 | T | .1 | T | 7.0 | .2 | | | T | |
| | SN ON GND | T | T | T | T | | | | | | | | | | 1 | T | | | | T | | | | T | T | T | 6 | 6 | 5 | 5 | 4 | 4 |
| PEMBERTON 3 E | SNOWFALL | .2 | .5 | | | | | | | | | | | | .5 | | | | | | | | | | .2 | .5 | 2.5 | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | T | 1 | - | | | | | |
| SEABROOK FARMS | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| TRENTON WB CITY | SNOWFALL | .5 | | T | T | | | .2 | | | | | | | 1.0 | T | | | .1 | | .2 | | .3 | | .3 | 3.0 | 5.0 | | | T | .1 | .1 |
| | SN ON GND | | T | | | | | | | | | | | | T | T | | | | T | | | | T | T | T | 8 | 5 | 4 | 3 | 3 | 2 |
| * * *<br>COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2S | SNOWFALL | .1 | T | | T | | | | | | | | | | .2 | T | | | | .1 | | | | T | .5 | .4 | | .4 | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | T | 1 | | T | T | | | |

See Reference Notes Following Station Index

# CLIMATOLOGICAL DATA

NEW JERSEY
DECEMBER 1969
DELAYED DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * *<br>APRIL 1969 | | | | | | | | | | | | | | | | | | | | | | | |
| MORRIS PLAINS 1 W | 63.7 | 37.2 | 50.5 | | 83 | 29 | 14 | 1 | 432 | 0 | 0 | 9 | 0 | 3.30 | | .73 | 23 | .0 | 0 | | 8 | 2 | 0 |
| * * *<br>MAY 1969 | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | 72.7 | 49.5 | 61.1 | - .5 | 93 | 30 | 37 | 12 | 164 | 1 | 0 | 0 | 0 | 3.18 | - .85 | 1.10 | 21 | .0 | 0 | | 4 | 3 | 2 |
| * * *<br>JULY 1969 | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | 79.6 | 67.1 | 73.4 | - 1.9 | 95 | 17 | 58 | 7 | 0 | 3 | 0 | 0 | 0 | 7.54 | 3.37 | 2.10 | 28 | .0 | 0 | | 11 | 6 | 2 |
| SANDY HOOK | | | | | | | | | | | | | | 8.90 | | 2.51 | 28 | .0 | 0 | | 9 | 6 | 4 |
| * * *<br>AUGUST 1969 | | | | | | | | | | | | | | | | | | | | | | | |
| HAMMONTON 2 NNE | 87.6 | 64.1 | 75.9 | 1.7 | 97 | 26 | 51 | 28+ | 1 | 12 | 0 | 0 | 0 | 3.83 | - 1.81 | 1.53 | 4 | .0 | 0 | | 6 | 2 | 2 |
| SANDY HOOK | | | | | | | | | | | | | | 2.27 | | .62 | 26 | .0 | 0 | | | 2 | 0 |
| * * *<br>SEPTEMBER 1969 | | | | | | | | | | | | | | | | | | | | | | | |
| CAPE MAY 1 NW | 75.7 | 60.0 | 67.9 | | 87 | 2 | 44 | 30 | 52 | 0 | 0 | 0 | 0 | 2.67 | | 1.90 | 9 | .0 | 0 | | 2 | 2 | 1 |
| SANDY HOOK | | | | | | | | | | | | | | 3.94 | | 2.06 | 4 | .0 | 0 | | 5 | 2 | 2 |
| * * *<br>OCTOBER 1969 | | | | | | | | | | | | | | | | | | | | | | | |
| HAMMONTON 2 NNE | 69.5 | 43.2 | 56.4 | - .8 | 87 | 4 | 23 | 24 | 285 | 0 | 0 | 6 | 0 | 2.03 | - 1.66 | .75 | 3 | .0 | 0 | | 4 | 2 | 0 |
| * * *<br>NOVEMBER 1969 | | | | | | | | | | | | | | | | | | | | | | | |
| MOORESTOWN | 52.5 | 35.8 | 44.2 | - .8 | 67 | 3 | 20 | 25 | 617 | 0 | 0 | 12 | 0 | 1.96 | - 1.65 | | | T | 0 | | | | 0 |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APRIL 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CLINTON | 2.95 | | | | | .41 | .20 | | | | | .51 | | | | | .27 | .52 | | .32 | * | * | * | * | .59 | | | | .13 | | | | . |
| MORRIS PLAINS 1 W | 3.30 | | T | .01 | | .26 | .23 | | | | | .18 | | | | | .04 | .52 | T | .47 | .44 | | .30 | .73 | .03 | T | | | | .07 | .02 | | . |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CLINTON | 1.89 | | | | | | | T | .20 | .38 | | | | | | | | | | .03 | .73 | .55 | | | | | | | | | | | . |
| FREEHOLD | 3.18 | | | | T | | | | .03 | .19 | .76 | .03 | | .02 | | | | | | | 1.03 | 1.10 | | | | .02 | | | | | | | . |
| PRINCETON WATER WORKS | 2.74 | | | T | | | | T | .12 | 1.19 | | .02 | T | | | | | | | .04 | 1.37 | T | | | T | | | | | | | | . |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JULY 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | 7.54 | | | T | | T | | 1.10 | | | .49 | | .77 | .06 | | | | .37 | .50 | | .20 | .15 | .12 | .57 | T | | .07 | .09 | 2.10 | .95 | T | T | . |
| SANDY HOOK | 8.90 | | | | .66 | | | .32 | T | | | .06 | | 1.36 | | | | | | | | | .52 | .03 | 1.29 | .35 | | | 2.51 | 1.65 | .15 | | . |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AUGUST 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HAMMONTON 2 NNE | 3.83 | | .02 | .20 | 1.53 | .29 | .08 | | | | 1.38 | | | | | | .03 | | .06 | | .13 | .11 | | | | | | | | | | | . |
| SANDY HOOK | 2.27 | | | | .36 | * | .44 | | | | .55 | | | | | | | | .22 | | | | | | | | .62 | .08 | | | | | . |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEPTEMBER 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BERNARDSVILLE 2 E | 4.89 | | | .07 | 2.34 | .09 | T | .27 | .03 | .22 | | | | | | | | | 1.11 | | | | | | | | | | .76 | | | | . |
| CAPE MAY 1 NW | 2.67 | | | .05 | T | .01 | | | .68 | 1.90 | | | | | | | | | | | | .02 | | | | .01 | | | | | | | . |
| SANDY HOOK | 3.94 | | T | 1.14 | 2.06 | T | | | .25 | .05 | | | | | | | | | .15 | | | | | | | | | | | .29 | | | . |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OCTOBER 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HAMMONTON 2 NNE | 2.03 | | | .75 | | | | | .14 | .65 | | | .02 | | .01 | | | | | | | .41 | | | | | | | .05 | | | | . |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOVEMBER 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOORESTOWN | 1.96 | | * | .21 | | * | .48 | T | * | * | .46 | | | .08 | .04 | T | T | | | * | .69 | | | | | | | | | | | | . |

# SNOWFALL AND SNOW ON GROUND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOVEMBER 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOORESTOWN | SNOWFALL | | | | | | | | | | | | | | | | T | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APRIL 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORRIS PLAINS 1 W | MAX<br>MIN | 38<br>14 | 51<br>22 | 59<br>27 | 55<br>27 | 63<br>33 | 62<br>42 | 58<br>30 | 69<br>36 | 72<br>33 | 64<br>39 | 69<br>43 | 60<br>32 | 60<br>27 | 68<br>31 | 66<br>36 | 67<br>46 | 66<br>46 | 74<br>53 | 69<br>54 | 65<br>34 | 60<br>30 | 60<br>38 | 52<br>41 | 55<br>38 | 51<br>34 | 70<br>41 | 77<br>41 | 81<br>51 | 83<br>52 | 67<br>46 | | 63.7<br>37.2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | MAX<br>MIN | 58<br>39 | 67<br>40 | 73<br>48 | 81<br>54 | 78<br>47 | 77<br>38 | 74<br>44 | 64<br>51 | 83<br>57 | 65<br>48 | 63<br>51 | 63<br>37 | 64<br>41 | 68<br>47 | 71<br>42 | 70<br>43 | 77<br>52 | 82<br>56 | 81<br>60 | 77<br>64 | 77<br>58 | 70<br>49 | 65<br>48 | 68<br>52 | 68<br>51 | 72<br>50 | 69<br>41 | 67<br>46 | 81<br>60 | 93<br>65 | 89<br>55 | 72.7<br>49.5 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JULY 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | MAX<br>MIN | 88<br>70 | 75<br>68 | 78<br>64 | 81<br>60 | 88<br>73 | 84<br>71 | 71<br>58 | 74<br>59 | 80<br>61 | 74<br>65 | 77<br>67 | 77<br>68 | 78<br>64 | 88<br>66 | 88<br>68 | 91<br>70 | 95<br>75 | 93<br>75 | 81<br>72 | 72<br>67 | 76<br>67 | 73<br>69 | 70<br>63 | 72<br>62 | 73<br>61 | 71<br>67 | 79<br>66 | 77<br>70 | 75<br>70 | 85<br>72 | 84<br>71 | 79.6<br>67.1 |
| SANDY HOOK | MAX<br>MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AUGUST 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HAMMONTON 2 NNE | MAX<br>MIN | 90<br>66 | 88<br>71 | 88<br>67 | 88<br>70 | 85<br>70 | 77<br>65 | 88<br>67 | 91<br>71 | 90<br>70 | 89<br>67 | 83<br>62 | 85<br>60 | 88<br>61 | 88<br>60 | 86<br>66 | 93<br>74 | 91<br>74 | 90<br>70 | 91<br>70 | 90<br>66 | 77<br>51 | 81<br>51 | 83<br>57 | 90<br>62 | 94<br>66 | 97<br>66 | 89<br>52 | 82<br>51 | 84<br>56 | 87<br>62 | 93<br>67 | 87.6<br>64.1 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEPTEMBER 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAPE MAY 1 NW | MAX<br>MIN | 85<br>69 | 87<br>69 | 82<br>71 | 79<br>70 | 82<br>68 | 82<br>69 | 85<br>71 | 86<br>69 | 78<br>66 | 76<br>62 | 70<br>51 | 73<br>55 | 76<br>61 | 75<br>60 | 82<br>62 | 78<br>67 | 79<br>68 | 82<br>59 | 64<br>50 | 67<br>52 | 65<br>59 | 67<br>52 | 68<br>49 | 73<br>47 | 75<br>57 | 75<br>54 | 70<br>56 | 75<br>59 | 70<br>53 | 66<br>44 | | 75.7<br>60.0 |
| SANDY HOOK | MAX<br>MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OCTOBER 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HAMMONTON 2 NNE | MAX<br>MIN | 73<br>49 | 78<br>50 | 81<br>58 | 87<br>57 | 75<br>49 | 60<br>40 | 74<br>43 | 73<br>51 | 71<br>48 | 74<br>41 | 73<br>40 | 80<br>57 | 81<br>57 | 70<br>60 | 76<br>41 | 65<br>38 | 67<br>40 | 65<br>35 | 66<br>40 | 73<br>54 | 83<br>56 | 68<br>44 | 67<br>29 | 48<br>23 | 54<br>29 | 59<br>34 | 70<br>52 | 67<br>37 | 56<br>28 | 55<br>28 | 65<br>32 | 69.5<br>43.2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOVEMBER 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOORESTOWN | MAX<br>MIN | 63<br>42 | 63<br>57 | 67<br>55 | 58<br>47 | 50<br>42 | 46<br>42 | 47<br>41 | 59<br>37 | 58<br>47 | 56<br>49 | 56<br>41 | 51<br>38 | 52<br>37 | 50<br>39 | 52<br>25 | 45<br>25 | 55<br>21 | 62<br>27 | 66<br>44 | 44<br>28 | 38<br>25 | 40<br>22 | 59<br>32 | 51<br>40 | 51<br>20 | 49<br>32 | 47<br>24 | 48<br>34 | 50<br>36 | 42<br>26 | | 52.5<br>35.8 |

# CORRECTIONS

| DATE | TABLE | DIVISION | STATION | CORRECTION |
|---|---|---|---|---|
| DECEMBER 1968 | CLIMATOLOGICAL DATA | SOUTHERN 02 | NEW BRUNSWICK | TOTAL SNOWFALL 9.6 |
| DECEMBER 1968 | SNOWFALL & SNOW ON GROUND | SOUTHERN 02 | NEW BRUNSWICK | SNOWFALL ON 23D 0.8, 29TH TRACE |
| JANUARY 1969 | SNOWFALL & SNOW ON GROUND | SOUTHERN 02 | NEW BRUNSWICK | SNOWFALL 8TH TRACE, 9TH 0, 10TH 0 |
| FEBRUARY 1969 | SNOWFALL & SNOW ON GROUND | SOUTHERN 02 | NEW BRUNSWICK | SNOWFALL 14TH TRACE |
| MARCH 1969 | CLIMATOLOGICAL DATA | SOUTHERN 02 | NEW BRUNSWICK | TOTAL SNOWFALL 9.1 |
| MARCH 1969 | SNOWFALL & SNOW ON GROUND | SOUTHERN 02 | NEW BRUNSWICK | SNOWFALL 3D 3.4, 7TH 3.5 |
| JULY 1969 | TOTAL SNOWFALL & NUMBER OF DAYS WITH 1 INCH OR MORE ON GROUND | SOUTHERN 02 | NEW BRUNSWICK | SNOWFALL DECEMBER 1968 9.6, MARCH 1969 9.1, TOTAL 39.1 |
| AUGUST 1969 | EVAPORATION & WIND | SOUTHERN 02 | NEW BRUNSWICK | EVAPORATION ON 3D .18, 4TH .22, 5TH .30, 6TH .15, 8TH .28, 9TH .36, 10TH .28, 14TH .23, 15TH .22, 16TH .13, 17TH .18, 18TH .25, 19TH .20, 25TH .24, 27TH .24, TOTAL 7.238 |
| SEPTEMBER 1969 | EVAPORATION & WIND | SOUTHERN 02 | NEW BRUNSWICK | EVAPORATION ON 3D, .10, 6TH .13, 7TH .09, 8TH .04, 9TH .26, 10TH .19, 28TH .14, TOTAL 4.648 |

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 35 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | N | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | N | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | N | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F DROPPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | HAROLD DUFLOCQ |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A | | | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | N | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A | | | ROBERT WELSH |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | N | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 9A | 9A | | H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | N. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 | | 7A | | | CLOSED 10/15/69 |
| PLAINFIELD | 7079 | 01 | UNION | 1 | 40 36 | 74 24 | 90 | 8P | 8P | | N | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 1 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 1 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | [illegible] | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | [illegible] | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | [illegible] | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | [illegible] | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 1 | 40 35 | 74 37 | 90 | 6P | 6P | | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWRENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C N | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 10 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 5 | 5P | 5P | | | CREAM VALLEY DAIRY |
| CLOSED STATION | | | | | | | | | | | | |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 20 | | 7A | | | CLOSED 10/15/69 |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS Unless otherwise indicated, dimensional units used in this bulletin are Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES. Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data

* Amount included in following measurement, time distribution unknown

// Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall

M One or more days of record missing, if average value is entered, less than 10 days record is missing See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table

SS This entry in time of observation column in Station Index means observation made near sunset

VAR This entry in time of observation column in Station Index means variable.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

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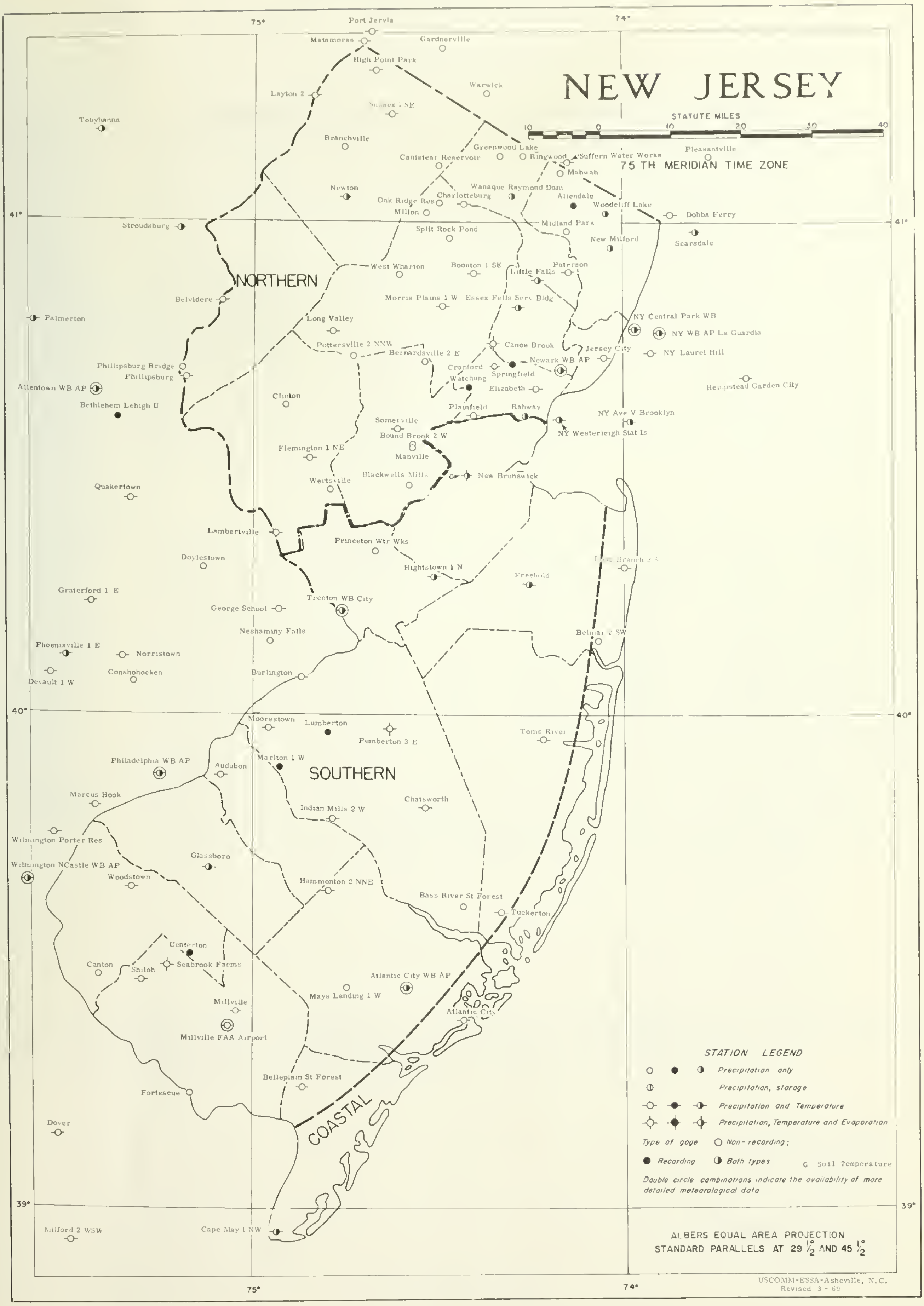

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Revised 3 - 69

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A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
ANNUAL SUMMARY 1969
Volume 74 No. 13

## AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Table 1

| Station | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | | Annual | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure |
| * * *<br>NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 26.6 | - 3.3 | 29.5 | - 1.8 | 35.8 | - 3.5 | 49.7 | - 1.4 | 58.9 | - 3.3 | 67.8 | - 2.8 | 69.3 | - 5.8 | 70.3 | - 2.6 | 63.0 | - 3.0 | 51.0 | - 3.9 | 41.2 | - 1.6 | 27.6 | - 4.3 | 49.2 | - 3.1 |
| BOONTON 1 SE | 26.7 | - 2.2 | 28.7 | - .8 | 35.5 | - 1.8 | 50.8 | 1.8 | 59.5 | .4 | 68.0 | .1 | 70.9 | - 1.9 | 72.4 | 1.6 | 64.1 | .6 | 51.6 | - 1.7 | 42.0 | - .5 | 29.4 | - 2.1 | 50.0 | - .5 |
| CANOE BROOK | 26.9 | - 2.1 | 28.8 | - .8 | 36.2 | - 1.4 | 51.2 | 2.5 | 59.5 | .6 | 68.5 | .5 | 71.6 | - 1.4 | 72.6 | 1.5 | 64.4 | .2 | 52.5 | - 1.2 | 41.8 | - 1.2 | 29.6 | - 1.6 | 50.3 | - .4 |
| CHARLOTTEBURG | 24.7 | - 3.9 | 26.5 | - 2.6 | 32.3 | - 4.3 | 48.2 | .2 | 57.2 | - 1.2 | 65.8 | - .7 | 68.8 | - 2.1 | 70.1 | .9 | 62.3 | - .1 | 50.3 | - 2.0 | M | | 27.0 | - 3.8 | - | |
| CRANFORD | 30.1 | | 31.4 | | 38.4 | | 53.9 | | 62.2 | | 71.4 | | 73.4 | | 74.5 | | 66.7 | | 54.7 | | 44.4 | | 31.9 | | 52.8 | |
| ELIZABETH | 31.6M | - 1.2 | 32.1M | - 1.2 | 39.4 | - 1.5 | 55.1 | 3.2 | 64.1 | 1.9 | 71.7 | .9 | 71.9M | - 3.9 | 74.6M | .5 | 67.0 | - .2 | 55.7 | - 1.0 | 44.6 | - 1.1 | 33.2 | - 1.5 | 53.4M | - .4 |
| ESSEX FELLS SERV BLDG | 27.4 | | 29.6 | | 36.0 | | 52.3 | | 60.6 | | 69.3 | | 71.2 | | 72.5 | | 64.5 | | 52.2 | | 42.0 | | 29.8 | | 50.6 | |
| FLEMINGTON 1 NE | 26.5 | - 5.0 | 29.4 | - 2.9 | 35.7 | - 4.4 | 51.2 | .0 | 58.3 | - 3.5 | 69.7 | - .9 | 71.1 | - 4.3 | 72.5 | - .9 | 64.0 | - 2.6 | 50.9 | - 4.9 | 41.4 | - 2.9 | - | | - | |
| HIGH POINT PARK | 20.3M | | M | | - | | M | | M | | M | | 66.4M | | 70.2M | | 61.8M | | 49.6 | | 36.2M | | 20.8 | | - | |
| JERSEY CITY | 30.9 | - 1.6 | 31.8 | - .9 | 39.0 | - .8 | 53.6 | 3.1 | 63.2 | 2.0 | 71.0 | .9 | 73.4 | - 1.9 | 75.9 | 2.1 | 67.9 | 1.0 | 56.3 | - .4 | 45.2 | - .5 | 32.3 | - 2.5 | 53.4 | .1 |
| LAMBERTVILLE | 30.1 | - 1.6 | 31.6 | - .9 | 38.6 | - 1.2 | 53.7 | 2.6 | 63.0M | 1.4 | 72.2 | 2.1 | 74.2 | - .6 | 74.5 | 1.5 | 67.2 | 1.0 | 55.1 | - .4 | 44.0 | - .4 | 31.7 | - 2.0 | 53.0M | .1 |
| LAYTON 2 | 22.6 | | 26.6 | | 32.5 | | 47.9 | | 56.6 | | 66.0 | | 69.0 | | 69.4 | | M | | 49.3 | | 39.0 | | 25.0 | | - | |
| LITTLE FALLS | 28.7 | - 2.4 | 30.6 | - 1.1 | 37.7 | - 1.6 | 53.1 | 2.4 | 61.8 | .6 | 70.9 | 1.2 | 72.7 | - 2.1 | 74.4 | 1.6 | 66.2 | .4 | 54.0 | - 1.4 | 43.9 | - .7 | 31.3 | - 2.3 | 52.1 | - .5 |
| LONG VALLEY | 24.0 | | 27.3 | | 32.4 | | 48.2 | | 56.8 | | 65.9 | | 68.5 | | 68.9 | | 61.0 | | 49.0 | | 39.8 | | - | | - | |
| MORRIS PLAINS 1 W | 26.4 | | 28.7 | | 35.2 | | 50.5 | | 58.3 | | 68.1 | | 70.4 | | 72.2 | | 63.9 | | 51.2 | | 40.9 | | 28.6 | | 49.5 | |
| NEWARK WB AIRPORT | 31.3 | - 1.0 | 31.3 | - 1.4 | 38.8 | - 1.7 | 54.6 | 3.3 | 64.1 | 2.1 | 72.8 | 1.5 | 74.2 | - 2.1 | 77.3 | 2.9 | 67.5 | .2 | 56.2 | - .4 | 45.5 | .1 | 33.1 | - 1.6 | 53.9 | .2 |
| NEWTON | 24.1 | - 3.4 | 27.1 | - 1.0 | 33.7 | - 2.7 | 49.4 | 1.1 | 58.5 | - .5 | 67.8 | .4 | 69.6 | - 2.6 | 70.2M | .1 | 62.2 | - .8 | 49.1 | - 3.4 | 39.5 | - 1.7 | 26.5 | - 3.2 | 48.1M | - 1.5 |
| PATERSON | 29.9 | - 1.7 | 32.4 | .3 | 39.3 | - .2 | 53.7 | 2.6 | 62.5 | .6 | 72.3M | 1.6 | 74.1 | - 1.6 | 76.2 | 2.6 | 68.0 | 1.6 | 55.4 | - .7 | 44.5 | - .6 | 31.9 | - 2.2 | 53.4M | .2 |
| PHILLIPSBURG | 29.8 | - .7 | 32.2 | .8 | 39.3 | .1 | 54.2 | 3.5 | 62.7 | 1.3 | 71.7 | 1.7 | 74.1 | - .2 | 73.7 | 1.3 | 66.5 | 1.0 | 54.5 | .0 | 44.6 | 1.2 | 30.9 | - 1.8 | 52.9 | .7 |
| PLAINFIELD | 29.7 | - 2.2 | 31.3 | - 1.2 | 38.2 | - 1.7 | 54.2 | 3.3 | 62.5 | 1.3 | 71.1 | 1.2 | 73.1 | - 1.8 | 74.8 | 1.7 | 66.2 | .0 | 54.7 | - 1.2 | 43.7 | - 1.1 | 31.6 | - 2.4 | 52.6 | - .3 |
| SOMERVILLE | 29.4 | - 1.9 | 31.2 | - .8 | 37.4 | - 2.1 | 53.3 | 2.7 | 62.2 | 1.1 | 71.4 | 1.6 | 73.3 | - 1.3 | 74.0M | 1.2 | 66.2 | .2 | 53.7 | - 1.6 | 43.3 | - .6 | - | | - | |
| SUSSEX 1 SE | 22.5 | - 5.2 | 25.0M | - 3.9 | 30.9 | - 6.1 | 47.0 | - 2.1 | 56.2 | - 3.7 | 65.6M | - 2.9 | 67.8 | - 5.1 | 68.1 | - 2.7 | 59.9 | - 3.6 | 47.7 | - 5.5 | 37.2 | - 4.8 | 24.1M | - 6.1 | 46.0M | - 4.3 |
| DIVISION | 27.3 | - 2.9 | 29.7 | - 1.2 | 36.3 | - 2.3 | 51.7 | 1.7 | 60.4 | - .1 | 69.5 | .3 | 71.3 | - 2.7 | 72.7 | .6 | 64.8 | - .2 | 52.5 | - 2.0 | 42.1 | - 1.4 | 29.3 | - 3.1 | 50.6 | - 1.1 |
| * * *<br>SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 30.3 | - 4.5 | 31.8 | - 2.9 | 37.4 | - 3.7 | 53.6 | 2.6 | 62.0 | .7 | 69.5 | - .5 | 73.2 | - 1.9 | 73.3 | - .4 | 65.5 | - 1.7 | 53.9 | - 3.3 | 43.9 | - 2.8 | 34.5 | - 2.1 | 52.4 | - 1.7 |
| AUDUBON | 31.7 | | 33.6 | | 40.4 | | 55.9 | | 64.4 | | 73.5 | | 75.2 | | 76.0 | | 68.2 | | 56.4 | | 45.6 | | 34.7 | | 54.6 | |
| BELLEPLAIN ST FOREST | 31.6 | | 33.9M | | 39.6 | | 54.4 | | 62.6 | | 72.3 | | 74.7 | | 73.9 | | 67.4 | | 56.2M | | 44.6 | | 34.4 | | 53.8M | |
| BURLINGTON | 31.3M | - 2.9 | 33.6 | - 1.3 | 41.0 | - 1.2 | 56.2M | 2.9 | 65.8 | 1.6 | 74.9 | 2.1 | 75.7 | - 1.5 | 76.0M | .5 | M | | 57.3M | - .7 | 45.8M | - .8 | 33.9 | - 2.1 | - | |
| CHATSWORTH | 30.0 | | 32.0 | | 38.5 | | 53.2M | | 62.2M | | 71.2 | | 73.4M | | 74.3 | | 66.6M | | 55.3M | | 44.4 | | 33.1M | | 52.9M | |
| FREEHOLD | 28.2 | - 4.5 | 29.3 | - 3.7 | 36.6 | - 3.4 | 52.7 | 1.9 | 61.1 | - .5 | 69.7 | - .5 | 71.9 | - 3.0 | 73.2 | .1 | 65.4 | - 1.1 | 53.4 | - 2.7 | 43.4 | - 2.1 | 31.3 | - 3.4 | 51.4 | - 1.9 |
| GLASSBORO | 29.7 | | 32.3 | | 39.6 | | 54.9 | | 63.2 | | 71.8M | | 73.5 | | 74.5 | | 66.8 | | 54.8 | | 44.3 | | 32.3 | | 53.1M | |
| HAMMONTON 2 NNE | 30.2 | - 4.0 | 33.1 | - 1.4 | 40.0 | - 1.9 | 55.5 | 3.2 | 63.5M | .8 | 73.4 | 1.8 | 75.1 | - 1.0 | 75.9 | 1.7 | 68.2 | .5 | 56.4 | - .8 | 45.0 | - 1.7 | 33.1 | - 4.0 | 54.1M | - .6 |
| HIGHTSTOWN 1 N | 29.8 | - 2.6 | 30.9 | - 2.0 | 38.1 | - 2.1 | 54.1 | 3.2 | 62.1 | .7 | 71.1 | 1.2 | 72.7 | - 2.1 | 73.9 | 1.0 | 65.6 | - .6 | 54.2 | - 1.7 | 44.1 | - 1.1 | 32.1 | - 2.2 | 52.4 | - .7 |
| INDIAN MILLS 2 W | 29.6 | - 3.7 | 31.5 | - 2.3 | 38.2 | - 2.5 | 53.8 | 2.4 | 61.8 | - .2 | 71.1 | .9 | 73.1 | - 1.6 | 73.6 | .7 | 65.9 | - .4 | 54.2 | - 1.7 | 43.7 | - 1.5 | 32.4 | - 2.4 | 52.4 | - 1.0 |
| MILLVILLE | 30.0 | | 33.3 | | 38.8M | | 54.4 | | 63.2M | | 73.0 | | 75.3M | | M | | 70.5M | | M | | 45.8M | | 34.4M | | - | |
| MILLVILLE FAA AIRPORT | 31.5 | | 33.1 | | 38.5 | | 53.5 | | 62.6 | | 71.8 | | 74.9 | | 74.4 | | 67.7 | | 55.2 | | 44.0 | | 33.8 | | 53.4 | |
| MOORESTOWN | 29.4 | - 3.6 | 31.3 | - 2.1 | 39.2 | - 1.5 | 53.1 | 1.7 | 62.5 | .8 | 72.3 | 2.1 | 74.1 | - 1.0 | 74.1 | 1.0 | 66.5 | .1 | 54.6 | - 1.3 | 44.2 | - .8 | 31.6M | - 3.2 | 52.7M | - .7 |
| NEW BRUNSWICK | 28.6 | | 30.9 | | 37.6 | | 53.5 | | 61.6 | | 70.1 | | 72.7 | | 74.0 | | 65.6 | | 54.3 | | 43.8 | | 31.7 | | 52.0 | |
| PEMBERTON 3 E | 29.9 | - 4.0 | 31.3 | - 3.0 | 38.5 | - 3.1 | 53.8 | 1.5 | 61.6 | - 1.1 | 71.7 | .7 | 73.4 | - 2.1 | 74.5 | .7 | 66.7 | - .7 | 54.6 | - 2.2 | 44.5 | - 1.8 | 32.6 | - 3.0 | 52.8 | - 1.5 |
| SEABROOK FARMS | 29.9 | | 33.0 | | 38.9 | | 54.2 | | 62.5 | | 72.5 | | 75.0 | | 74.2 | | 67.2 | | 55.1 | | 44.2 | | 33.2 | | 53.3 | |
| SHILOH | 31.0 | - 3.3 | 33.2 | - 1.7 | 40.0M | - 2.2 | 54.5 | 1.8 | 63.4 | .4 | 72.6 | .9 | 75.0 | - 1.4 | 74.3 | - .3 | 67.9 | - .1 | 57.3 | .0 | 44.9 | - 1.4 | 33.6 | - 2.5 | 54.0M | - .8 |
| TOMS RIVER | 29.4 | | 31.4 | | 37.6 | | 52.6 | | 60.6 | | 70.5 | | 72.9 | | 74.0 | | 65.8M | | 53.1 | | 43.1 | | 33.5 | | 52.0M | |
| TRENTON WB CITY | 31.3 | - 1.6 | 32.7 | - .7 | 39.4 | - 1.3 | 55.3 | 3.6 | 64.1 | 1.8 | 72.4 | 1.4 | 73.9 | - 2.1 | 75.8 | 1.9 | 67.4 | .3 | 56.0 | - .8 | 45.4 | - .4 | 33.5 | - 1.7 | 53.9 | .0 |
| TUCKERTON | 30.4 | | 32.2 | | 38.1 | | 51.6 | | 60.2 | | 70.2 | | 73.4 | | 74.1 | | 67.3 | | 55.4 | | 44.9 | | 34.5 | | 52.7 | |
| WOODSTOWN | 30.4 | | 31.8 | | 39.9 | | 55.0 | | 64.0 | | 73.2 | | 75.5 | | 74.7 | | 67.1 | | 55.7 | | 44.9 | | 33.0 | | 53.8 | |
| DIVISION | 30.2 | - 3.2 | 32.2 | - 1.5 | 38.9 | - 2.0 | 54.1 | 2.7 | 62.6 | .5 | 71.8 | 1.1 | 74.0 | - 1.4 | 74.4 | .8 | 67.0 | .0 | 55.2 | - 1.3 | 44.5 | - 1.2 | 33.2 | - 2.1 | 53.2 | - .6 |
| * * *<br>COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | 32.4 | - 3.6 | 33.6 | - 2.1 | 38.6 | - 2.5 | 52.8 | 2.9 | 61.4 | 1.9 | 70.8 | 1.8 | 75.2 | 1.0 | 75.4 | 1.7 | 69.3 | .9 | 58.6 | - .1 | 47.8 | - .5 | 37.9 | - .4 | 54.5 | .1 |
| CAPE MAY 1 NW | 31.6M | | 33.8 | | 38.6 | | 52.0 | | 60.2 | | 70.4 | | 75.2M | | 74.0 | | 67.9 | | 57.1 | | 46.1 | | 36.0 | | 53.6M | |
| LONG BRANCH 25 | 30.7 | - 2.3 | 31.5 | - 1.5 | 38.2 | - 1.6 | 52.5 | 2.9 | 61.0 | 1.2 | 69.6 | .5 | 72.7 | - 1.7 | 74.8 | 2.0 | 67.4 | 1.2 | 55.6 | - .6 | 45.2 | - .5 | 34.2 | - 1.1 | 52.8 | - .1 |
| SANDY HOOK | - | | - | | - | | - | | - | | - | | - | | - | | - | | M | | 46.3M | | 35.5M | | - | |
| DIVISION | 31.6 | - 2.9 | 33.0 | - 1.3 | 38.5 | - 2.0 | 52.4 | 2.4 | 60.9 | .9 | 70.3 | .9 | 74.4 | - .2 | 74.7 | 1.1 | 68.2 | .4 | 57.1 | - .9 | 46.4 | - 1.0 | 35.9 | - 1.1 | 53.6 | - .3 |

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

A SPECIAL WEATHER SUMMARY DESCRIBING UNUSUAL WEATHER WAS PUBLISHED IN THE FEBRUARY, JULY, AUGUST, SEPTEMBER, AND DECEMBER 1969 ISSUES OF THIS BULLETIN.

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AT URBANA-CHAMPAIGN

Table 2

# TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

NEW JERSEY
1969

| Station | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | | Annual | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 1.39 | -2.24 | 1.72 | -1.40 | 2.12 | -1.96 | 4.01 | -.13 | 2.35 | -1.68 | 4.59 | .15 | 9.15 | 3.85 | 5.71 | .72 | 5.88 | 2.01 | 2.35 | -1.07 | 3.36 | -.50 | 6.55 | 2.89 | 49.18 | .64 |
| BERNARDSVILLE 2 E | 2.33 | | 2.63 | | 2.57 | | 3.83 | | 3.07 | | 5.06 | | 8.80 | | 4.83 | | 4.89 | | 1.68 | | 3.63 | | 6.83 | | 50.15 | |
| BLACKWELLS MILLS | 1.55 | | 2.14 | | 4.35 | | 2.76 | | 3.10 | | 2.10 | | 9.22 | | 3.61 | | 4.94 | | 1.19 | | 2.53 | | 4.65 | | 42.14 | |
| BOONTON 1 SE | 1.85 | -1.39 | 1.53 | -1.20 | 3.28 | -.58 | 3.69 | -.17 | 3.88 | -.28 | 5.53 | 1.64 | 7.47 | 3.23 | 3.89 | -1.04 | 4.11 | -.24 | 1.95 | -1.45 | 4.45 | .43 | 5.56 | 2.14 | 47.19 | 1.09 |
| BOUND BROOK 2 W | 1.95 | | 1.81 | | 3.74 | | 2.82 | | 2.68 | | 3.04 | | 8.93 | | 2.93 | | 6.34 | | 1.36 | | 2.35 | | 6.04 | | 43.99 | |
| BRANCHVILLE | 1.50 | | 1.27 | | 1.94 | | 3.80 | | 2.45 | | 4.45 | | 8.31 | | 5.35 | | 4.25 | | 2.37 | | 4.51 | | 4.50 | | 44.70 | |
| CANISTEAR RESERVOIR | 1.87 | | 2.28 | | 3.41 | | 4.11 | | 2.68 | | 4.44 | | 6.85 | | 6.70 | | 4.33 | | 1.85 | | 4.46 | | 6.17 | | 49.15 | |
| CANOE BROOK | 1.76 | -1.90 | 2.96 | .00 | 4.18 | -.12 | 3.14 | -.88 | 2.62 | -1.53 | 5.57 | 1.54 | 10.77 | 6.22 | 3.45 | -1.78 | 6.04 | 1.72 | 1.86 | -1.55 | 3.03 | -1.07 | E 5.83 | 2.18 | E 51.21 | 2.83 |
| CHARLOTTEBURG | 1.79 | -1.88 | 1.89 | -1.28 | 3.81 | -.66 | 3.58 | -.63 | 2.94 | -1.21 | 3.80 | -.44 | 7.09 | 2.36 | 7.56 | 2.60 | 4.10 | -.31 | 1.67 | -2.17 | 5.38 | .89 | 6.36 | 2.24 | 49.97 | -.49 |
| CLINTON | .88 | | 1.60 | | 1.76 | | 2.95 | | 1.89 | | 2.53 | | 10.14 | | - | | - | | - | | - | | - | | - | |
| CRANFORD | 1.96 | | 2.68 | | 4.03 | | 3.23 | | 2.97 | | 3.24 | | 9.42 | | 4.73 | | 9.47 | | 1.85 | | 3.30 | | 6.74 | | 53.62 | |
| ELIZABETH | .87 | -3.10 | 2.65 | -.63 | 2.84 | -1.65 | 2.74 | -1.21 | 3.65 | -.41 | 2.71 | -1.05 | 9.34 | 4.83 | 4.25 | -.72 | 9.32 | 4.98 | 1.47 | -2.06 | 2.93 | -.95 | E 4.63 | 1.03 | E 47.40 | -.94 |
| ESSEX FELLS SERV BLDG | 2.30 | | 2.31 | | 3.83 | | 3.07 | | 2.92 | | 3.21 | | 9.84 | | 2.89 | | 5.13 | | 1.84 | | 3.21 | | 5.75 | | 46.30 | |
| FLEMINGTON 1 NE | 1.98 | -1.34 | 2.55 | -.23 | 3.33 | -.66 | 3.01 | -.79 | 3.58 | -.43 | 4.84 | 1.04 | 10.49 | 5.97 | 3.06 | -1.96 | 5.14 | 1.55 | 1.07 | -2.25 | 3.45 | -.29 | E 5.68 | 2.26 | E 48.18 | 2.87 |
| GREENWOOD LAKE | 2.13 | | 2.70 | | 3.39 | | 4.12 | | 3.19 | | 2.85 | | 6.62 | | 8.60 | | 4.98 | | 1.82 | | 5.61 | | 8.27 | | 54.28 | |
| HIGH POINT PARK | E 2.20 | | E 1.27 | | E 2.12 | | E 3.87 | | 1.94 | | 3.48 | | 5.28 | | 3.53 | | 2.45 | | 2.33 | | E 3.21 | | E 6.35 | | E 38.03 | |
| JERSEY CITY | 1.35 | -2.02 | 1.46 | -1.44 | 3.05 | -.98 | 2.72 | -.87 | 2.50 | -1.25 | 1.78 | -1.67 | 7.54 | 3.37 | 1.65 | -2.97 | 5.16 | 1.35 | 2.23 | -.95 | 2.70 | -.72 | 5.18 | 1.89 | 37.32 | -6.26 |
| LAMBERTVILLE | 2.18 | -1.16 | 2.02 | -.70 | 3.28 | -.78 | 2.87 | -.77 | 4.31 | .23 | 4.04 | .20 | 9.67 | 5.16 | 3.22 | -1.92 | 4.66 | 1.37 | 1.27 | -1.73 | 2.94 | -.77 | 6.34 | 2.96 | 46.80 | 2.09 |
| LAYTON 2 | 1.51 | | 1.30 | | 2.83 | | 4.15 | | 1.98 | | 4.36 | | 5.79 | | 4.24 | | E 3.53 | | 1.78 | | 4.99 | | 4.71 | | E 41.17 | |
| LITTLE FALLS | 1.91 | -1.74 | 2.41 | -.66 | 3.91 | -.39 | 3.66 | -.60 | 2.72 | -1.61 | 3.37 | -.88 | 8.81 | 4.27 | 3.16 | -1.93 | 4.84 | .29 | 1.88 | -1.82 | 3.60 | -.68 | 7.13 | 3.23 | 47.40 | -2.52 |
| LONG VALLEY | 1.84 | -1.70 | 2.25 | -.77 | 3.45 | -.83 | 3.67 | -.30 | 2.66 | -1.51 | 2.16 | -1.97 | 7.86 | 2.66 | 5.69 | .63 | 5.59 | 1.67 | 1.52 | -2.05 | 4.36 | .11 | E 6.23 | 2.44 | E 47.28 | -1.62 |
| MAHWAH | 1.69 | | 2.36 | | 2.89 | | 4.81 | | 2.91 | | 5.87 | | 8.18 | | 4.69 | | 4.04 | | 1.96 | | 4.99 | | 6.24 | | 50.63 | |
| MIDLAND PARK | 1.87 | | 2.41 | | 3.67 | | 4.47 | | 3.45 | | 3.50 | | 10.15 | | 7.24 | | 5.40 | | 1.80 | | 4.70 | | 6.93 | | 55.59 | |
| MILTON | 2.23 | | 2.59 | | 4.25 | | 4.09 | | 1.66 | | 5.52 | | 7.64 | | 6.98 | | 3.36 | | 2.02 | | 5.90 | | 6.97 | | 53.23 | |
| MORRIS PLAINS 1 W | 2.06 | | 1.77 | | 3.15 | | 3.30 | | 3.79 | | 7.77 | | 8.74 | | 4.87 | | 5.01 | | 2.29 | | 4.80 | | 5.90 | | 53.45 | |
| NEWARK WB AIRPORT R | 1.47 | -1.86 | 2.68 | -.12 | 3.53 | -.56 | 3.51 | .00 | 2.73 | -.92 | 2.53 | -.91 | 7.11 | 3.44 | 2.24 | -2.19 | 6.63 | 2.87 | 1.75 | -1.36 | 2.80 | -.57 | 4.97 | 1.75 | 41.95 | -.43 |
| NEW MILFORD | 1.47 | -1.97 | 2.22 | -.59 | 3.01 | -.98 | 3.10 | -.74 | 2.35 | -1.50 | 2.36 | -1.40 | 6.62 | 2.24 | 3.68 | -.77 | 4.44 | .69 | 1.31 | -1.88 | 3.31 | -.35 | 5.03 | 1.57 | 38.90 | -5.68 |
| NEWTON | 1.67 | -1.37 | 1.63 | -.94 | 2.28 | -1.17 | 3.72 | -.11 | 2.56 | -1.39 | 3.56 | -.74 | 7.40 | 2.53 | 4.75 | .21 | 4.32 | .33 | 2.14 | -1.28 | 4.32 | .69 | 5.49 | 2.29 | 43.84 | -.95 |
| OAK RIDGE RESERVOIR | 1.99 | | 2.20 | | 3.56 | | 3.86 | | 2.84 | | 5.58 | | 7.97 | | 7.27 | | 4.17 | | 1.86 | | 5.79 | | 6.67 | | 53.76 | |
| PATERSON | .55 | -3.05 | 2.81 | -.34 | 5.00 | .55 | 5.02 | .95 | 2.81 | -1.49 | 3.14 | -1.07 | 8.26 | 3.63 | 6.84 | 1.97 | 4.15 | -.06 | 2.26 | -1.21 | 4.18 | .14 | 7.01 | 3.18 | 52.03 | 3.20 |
| PHILLIPSBURG | 1.56 | -2.12 | 2.76 | -.30 | 2.27 | -1.82 | 4.45 | .38 | 2.22 | -1.93 | 3.36 | -.90 | 7.64 | 2.35 | 4.77 | -.27 | 4.78 | .78 | 1.26 | -2.16 | 2.02 | -1.65 | 3.40 | -.24 | 40.49 | -7.88 |
| PHILLIPSBURG BRIDGE | 1.57 | | 2.20 | | - | | 4.13 | | 2.14 | | 3.87 | | 7.59 | | 2.72 | | 4.97 | | - | | - | | - | | - | |
| PLAINFIELD | 1.71 | -1.90 | 2.67 | -.35 | 4.23 | -.08 | 3.44 | -.43 | 2.60 | -1.54 | 2.67 | -1.66 | 11.79 | 7.18 | 10.96 | 5.77 | 6.73 | 2.40 | 1.56 | -1.90 | 2.61 | -1.22 | 6.39 | 2.80 | 57.36 | 9.07 |
| POTTERSVILLE 2 NNW | 2.11 | | 1.79 | | 2.83 | | 4.49 | | 3.77 | | 3.26 | | 8.00 | | 4.94 | | 6.93 | | 1.60 | | 3.82 | | E 6.03 | | E 49.57 | |
| RAHWAY | 1.28 | | 2.23 | | 2.41 | | 3.40 | | 2.25 | | 2.89 | | 4.84 | | 4.18 | | 7.23 | | 1.41 | | 2.34 | | 5.84 | | 40.30 | |
| RINGWOOD | 1.80 | | E 2.55 | | E 2.86 | | 2.88 | | 2.76 | | 3.51 | | 5.50 | | 6.32 | | 3.82 | | 1.05 | | 5.01 | | E 6.97 | | E 45.03 | |
| SOMERVILLE | 2.23 | -1.04 | 1.95 | -.80 | 3.74 | -.23 | 3.13 | -.52 | 2.76 | -1.05 | 2.98 | -.90 | 9.47 | 4.73 | 3.79 | -1.22 | 5.71 | 1.94 | 1.42 | -1.93 | 2.41 | -1.25 | E 6.22 | 2.89 | E 45.81 | .62 |
| SPLIT ROCK POND | 1.96 | | 1.76 | | 3.35 | | 3.96 | | 3.15 | | 5.14 | | 6.66 | | 6.00 | | 5.00 | | 2.88 | | 5.69 | | 5.78 | | 51.33 | |
| SUSSEX 1 SE | 1.88 | -1.49 | 1.52 | -1.20 | 2.30 | -1.10 | 3.63 | -.32 | 2.65 | -1.12 | 3.89 | -.20 | 8.38 | 3.31 | 4.54 | -.50 | 3.87 | -.05 | 2.12 | -1.16 | 3.81 | .00 | 5.60 | 2.24 | 44.19 | -1.59 |
| WANAQUE RAYMOND DAM | 1.61 | | 1.74 | | 3.04 | | 3.13 | | 2.46 | | 5.08 | | 7.99 | | 3.94 | | 4.68 | | 1.60 | | 4.25 | | 6.39 | | 45.91 | |
| WERTSVILLE | 2.36 | | 1.52 | | 3.26 | | 2.81 | | 3.68 | | 2.63 | | 9.26 | | 3.98 | | 5.79 | | 1.48 | | 2.80 | | 6.20 | | 45.77 | |
| WEST WHARTON | 2.10 | | 1.77 | | 3.15 | | 3.92 | | 2.91 | | 3.00 | | 6.46 | | 7.66 | | 4.61 | | 1.70 | | 5.62 | | 6.87 | | 49.77 | |
| WOODCLIFF LAKE | 1.72 | -1.85 | 2.58 | -.31 | 3.39 | -.74 | 3.16 | -.82 | 2.57 | -1.38 | 2.94 | -.58 | 8.78 | 4.34 | 4.00 | -.71 | 4.49 | .56 | 1.84 | -1.44 | 3.98 | .11 | 5.44 | 1.85 | 44.89 | -.97 |
| DIVISION | 1.73 | -1.74 | 2.13 | -.79 | 3.30 | -.80 | 3.53 | -.38 | 2.87 | -1.20 | 3.75 | -.26 | 8.51 | 3.86 | 4.54 | -.37 | 5.30 | 1.24 | 1.81 | -1.61 | 3.54 | -.34 | 5.82 | 2.26 | 46.83 | -.13 |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 1.68 | -1.88 | 2.38 | -.75 | 3.19 | -.72 | 3.55 | .14 | 1.68 | -1.83 | 1.42 | -1.41 | 12.64 | 8.92 | 2.56 | -2.34 | 1.65 | -1.66 | 2.09 | -1.11 | 4.28 | .62 | 7.33 | 4.11 | 44.45 | 2.09 |
| AUDUBON | 2.35 | | 2.37 | | 2.65 | | 1.98 | | 3.31 | | 8.96 | | 9.80 | | 2.57 | | 5.11 | | 1.50 | | 2.23 | | 8.64 | | 51.49 | |
| BASS RIVER ST FOREST | 3.23 | | 3.84 | | 3.82 | | 2.99 | | 1.81 | | 3.86 | | 8.75 | | 2.50 | | .61 | | .99 | | 4.14 | | 9.84 | | 46.40 | |
| BELLEPLAIN ST FOREST | 2.07 | -1.40 | 3.01 | -.17 | 3.47 | -.95 | 4.46 | .99 | 1.87 | -1.96 | 1.37 | -2.02 | 6.56 | 1.72 | 4.70 | -1.05 | 2.60 | -1.26 | 1.98 | -1.71 | 3.61 | -.42 | 7.03 | 3.38 | 42.73 | -4.85 |
| BURLINGTON | 3.73 | .46 | 2.53 | -.37 | 1.37 | -2.97 | 2.04 | -1.40 | 2.90 | -.86 | 5.15 | 1.50 | 8.36 | 4.12 | 2.53 | -2.31 | 3.98 | .33 | 1.02 | -2.33 | 1.42 | -2.24 | 6.03 | 3.02 | 41.11 | -3.05 |
| CANTON | 1.61 | | 2.28 | | 2.37 | | 2.53 | | 2.62 | | 2.36 | | 10.38 | | 3.53 | | 1.64 | | 1.19 | | 1.71 | | 8.35 | | 40.60 | |
| CHATSWORTH | 2.38 | | 3.48 | | 2.97 | | 2.61 | | 2.12 | | 5.77 | | 13.85 | | 2.70 | | 3.54 | | 1.68 | | 3.26 | | 8.67 | | 53.03 | |
| FORTESCUE | 1.93 | | 2.31 | | 2.53 | | 3.62 | | 2.10 | | 1.40 | | 8.90 | | 3.89 | | 2.98 | | 1.28 | | 2.15 | | 7.27 | | 40.36 | |
| FREEHOLD | 2.00 | -1.58 | 3.15 | .01 | 2.36 | -1.88 | 2.70 | -.88 | 3.18 | -.85 | 6.00 | 2.32 | 7.90 | 3.66 | 2.62 | -2.14 | 3.5[illegible] | -.28 | 1.83 | -1.76 | 3.58 | -.38 | 7.83 | 4.38 | 46.65 | .62 |
| GLASSBORO | 2.17 | | 2.24 | | 2.15 | | 2.27 | | 2.60 | | 3.61 | | 10.00 | | 1.92 | | 4.95 | | 1.90 | | 2.49 | | 8.68 | | 44.98 | |
| HAMMONTON 2 NNE | 2.72 | -.85 | 2.93 | -.32 | 3.55 | -.71 | 2.53 | -1.07 | 1.62 | -2.30 | 3.29 | -.66 | 14.01 | 9.45 | 3.83 | -1.81 | 4.11 | .42 | 2.03 | -1.66 | 2.91 | -.83 | 9.17 | 5.44 | 52.78 | 5.10 |
| HIGHTSTOWN 1 N | 2.38 | -.84 | 2.89 | .16 | 2.65 | -1.17 | 2.25 | -1.13 | 2.71 | -1.01 | 4.24 | .41 | 7.40 | 2.94 | 3.59 | -.93 | 5.15 | 1.16 | 1.41 | -1.91 | 2.73 | -.66 | 6.90 | 3.87 | 44.30 | .89 |
| INDIAN MILLS 2 W | 2.77 | -.85 | 2.88 | -.23 | 3.26 | -1.02 | 2.08 | -1.34 | 1.61 | -2.27 | 5.92 | 2.02 | 10.89 | 6.62 | 2.90 | -2.56 | 5.69 | 2.09 | 1.97 | -1.44 | 2.79 | -.92 | 9.28 | 6.05 | 52.04 | 6.15 |
| MAYS LANDING 1 W | 2.64 | | 3.37 | | 3.86 | | 2.90 | | 2.40 | | 1.92 | | 11.18 | | 4.33 | | 3.54 | | 2.26 | | 3.80 | | 8.54 | | 50.74 | |
| MILLVILLE | 2.43 | | 2.87 | | 3.28 | | 2.81 | | 1.80 | | 2.34 | | 16.64 | | E 4.23 | | E 2.34 | | E 1.71 | | 2.72 | | 9.50 | | E 52.67 | |
| MILLVILLE FAA AIRPORT | 2.35 | | 2.89 | | 3.83 | | 3.06 | | 1.72 | | 1.81 | | 12.90 | | 4.35 | | 2.40 | | 1.43 | | 2.10 | | 9.30 | | 48.14 | |
| MOORESTOWN | 2.34 | -.78 | 2.59 | -.14 | 2.43 | -1.38 | 1.87 | -1.57 | 2.42 | -1.65 | 6.95 | 3.39 | 8.67 | 4.50 | 2.21 | -2.54 | 3.96 | .21 | 1.51 | -1.55 | 1.96 | -1.65 | E 7.71 | 4.80 | E 44.62 | 1.64 |
| NEW BRUNSWICK | 1.56 | | 2.66 | | 2.79 | | 3.75 | | 2.78 | | 3.03 | | 8.26 | | 3.86 | | 6.17 | | 1.93 | | 2.59 | | 5.80 | | 45.18 | |
| PEMBERTON 3 E | 2.28 | -1.02 | 3.19 | .31 | 3.34 | -.51 | 2.25 | -1.20 | 2.17 | -1.59 | 3.94 | .24 | 10.18 | 5.53 | 1.76 | -3.29 | 4.67 | .90 | 1.91 | -1.36 | 2.89 | -.62 | 8.76 | 5.68 | 47.34 | 3.07 |
| PRINCETON WATER WORKS | 2.45 | | 2.20 | | 2.72 | | 2.31 | | 2.74 | | 4.51 | | 7.95 | | 4.48 | | 5.09 | | 1.15 | | 2.26 | | 6.77 | | 44.63 | |
| SEABROOK FARMS | 2.57 | | 2.66 | | 2.43 | | 2.78 | | 2.81 | | 2.57 | | 11.17 | | 4.02 | | 3.59 | | 2.36 | | 2.23 | | 8.97 | | 48.16 | |
| SHILOH | 1.90 | -1.58 | 2.56 | -.33 | 2.57 | -1.19 | 2.62 | -.49 | 2.80 | -1.16 | 2.98 | -.43 | 10.14 | 5.85 | 4.88 | -.07 | 2.82 | -1.12 | 2.52 | -.64 | 2.26 | -1.47 | 8.07 | 5.01 | 46.12 | 2.38 |
| TOMS RIVER | 2.66 | | 3.48 | | 2.92 | | 3.03 | | 1.49 | | 3.46 | | 12.21 | | 1.47 | | 2.44 | | 2.00 | | 4.68 | | 9.71 | | 49.55 | |
| TRENTON WB CITY R | 2.38 | -.72 | 2.60 | .01 | 2.44 | -1.40 | 2.23 | -.98 | 3.11 | -.51 | 5.09 | 1.49 | 7.51 | 3.33 | 3.33 | -1.44 | 6.66 | 3.16 | 1.25 | -1.59 | 2.13 | -1.03 | 6.86 | 3.99 | 45.59 | 4.31 |
| TUCKERTON | 2.75 | | 3.92 | | 3.75 | | 3.10 | | 1.71 | | 2.39 | | 11.13 | | 3.15 | | 1.93 | | 1.94 | | 4.44 | | 7.59 | | 47.80 | |
| WOODSTOWN | 2.04 | | 2.34 | | 2.14 | | 2.08 | | 3.11 | | 3.17 | | 9.11 | | 2.59 | | 3.98 | | 1.84 | | 2.24 | | 8.85 | | 43.49 | |
| DIVISION | 2.36 | -1.09 | 2.84 | -.15 | 2.84 | -1.25 | 2.67 | -.78 | 2.36 | -1.42 | 3.97 | .35 | 10.44 | 6.07 | 3.13 | -1.93 | 3.87 | .08 | 1.80 | -1.55 | 2.84 | -.90 | 8.13 | 4.87 | 47.25 | 2.30 |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 2.24 | -1.51 | 2.92 | -.46 | 2.63 | -1.38 | 3.76 | .38 | 1.43 | -1.73 | 1.64 | -1.40 | 11.11 | 7.25 | 4.15 | -.99 | 2.46 | -.94 | .51 | -2.88 | 4.56 | .77 | 6.55 | 3.07 | 43.96 | .18 |
| CAPE MAY 1 NW | 3.81 | | 2.80 | | 3.35 | | 3.22 | | 1.30 | | 1.60 | | 6.14 | | 4.16 | | 2.67 | | 1.08 | | 3.43 | | 6.77 | | 40.33 | |
| LONG BRANCH 2S | 1.34 | -2.44 | 3.24 | -.30 | 2.84 | -1.53 | 2.79 | -.84 | 2.88 | -.61 | 5.05 | 1.64 | 8.12 | 3.87 | 4.06 | -1.19 | 3.24 | -.68 | 2.08 | -1.63 | 4.19 | .38 | 8.41 | 4.78 | 48.24 | 1.45 |
| SANDY HOOK | - | | - | | - | | - | | - | | - | | 8.90 | | 2.27 | | 3.94 | | 1.81 | | 3.10 | | 7.52 | | - | |
| DIVISION | 2.46 | -1.06 | 2.99 | -.13 | 2.94 | -.99 | 3.26 | -.06 | 1.87 | -1.39 | 2.76 | -.31 | 8.57 | 4.69 | 3.66 | -1.28 | 3.08 | -.59 | 1.37 | -1.93 | 3.82 | .23 | 7.31 | 3.97 | 44.09 | 1.15 |

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

See Reference Notes Following Station Index

Table 3

# TEMPERATURE EXTREMES AND FREEZE DATA

NEW JERSEY
1969

| Station | Highest | Date | Lowest | Date | Last spring minimum of | | | | | | | | | | First fall minimum of | | | | | | | | | | Number of days between dates | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 16° or below | | 20° or below | | 24° or below | | 28° or below | | 32° or below | | 32 or below | | 28 or below | | 24 or below | | 20 or below | | 16 or below | | 16° or below | 20° or below | 24° or below | 28° or below | 32° or below |
| | | | | | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 95 | 5-30 | 2 | 12-25 | 4- 1 | 16 | 4- 2 | 20 | 4- 2 | 20 | 4-13 | 28 | 5- 2 | 30 | 10-18 | 32 | 10-23 | 26 | 10-24 | 21 | 11-16 | 20 | 11-21 | 16 | 234 | 228 | 205 | 193 | 169 |
| BOONTON 1 SE | 93 | 5-30 | 2 | 2-15 | 3- 6 | 15 | 4- 2 | 18 | 4- 2 | 18 | 4-13 | 28 | 4-21 | 31 | 10-16 | 32 | 10-23 | 27 | 11-16 | 21 | 11-25 | 20 | 12-17 | 13 | 286 | 237 | 228 | 193 | 178 |
| CANOE BROOK | 95 | 5-30 | 5 | 1-12 | 3-12 | 15 | 3-23 | 20 | 3-28 | 24 | 4-13 | 28 | 4-14 | 32 | 10-23 | 27 | 10-23 | 27 | 10-24 | 19 | 10-24 | 19 | 11-22 | 12 | 255 | 215 | 210 | 193 | 192 |
| CHARLOTTEBURG | 92 | 5-30 | 2 | 1-29+ | 4- 1 | 13 | 4- 2 | 18 | 4- 2 | 18 | 4-13 | 27 | 4-21 | 29 | 10-17 | 32 | 10-23 | 25 | 10-24 | 21 | 11-17 | 20 | 11-22 | 16 | 235 | 229 | 205 | 193 | 179 |
| CRANFORD | 96 | 5-29 | 7 | 1-28 | 3- 6 | 16 | 4- 1 | 19 | 4- 1 | 19 | 4- 7 | 28 | 4-14 | 32 | 10-23 | 30 | 10-24 | 23 | 10-24 | 23 | 11-22 | 18 | 12-17 | 14 | 286 | 235 | 206 | 200 | 192 |
| ELIZABETH | 96 | 5-29 | 10 | 1-28 | 2-16 | 14 | 3-12 | 18 | 4- 1 | 23 | 4- 1 | 23 | 4- 7 | 31 | 10-23 | 29 | 10-24 | 25 | 11-16 | 24 | 11-23 | 18 | NONE | | | 256 | 229 | 206 | 199 |
| ESSEX FELLS SERV BLDG | 96 | 5-30 | 6 | 1-28 | 3-12 | 15 | 4- 1 | 18 | 4- 1 | 18 | 4- 3 | 27 | 4-13 | 30 | 10-16 | 32 | 10-23 | 25 | 10-24 | 21 | 11-21 | 19 | 11-22 | 16 | 255 | 234 | 206 | 203 | 186 |
| FLEMINGTON 1 NE | 96 | 6-29 | 3 | 1- 1 | 4- 1 | 14 | 4- 1 | 14 | 4- 4 | 24 | 4-14 | 28 | 5-12 | 32 | 10-16 | 31 | 10-23 | 28 | 10-24 | 19 | 10-24 | 19 | 11-22 | 14 | 235 | 206 | 203 | 192 | 157 |
| HIGH POINT PARK | 90 | 7-18 | -11 | 12-29+ | 4- 1 | 10 | 4- 1 | 10 | 4-13 | 21 | - | | - | | 10-15 | 32 | 10-23 | 19 | 10-23 | 19 | 10-23 | 19 | 11-16 | 15 | 229 | 205 | 193 | - | - |
| JERSEY CITY | 97 | 5-29 | 10 | 1-28 | 2-15 | 15 | 3-12 | 19 | 3-12 | 19 | 4- 1 | 28 | 4- 1 | 28 | 10-23 | 31 | 11-16 | 27 | 11-22 | 24 | 12-23 | 18 | 12-24 | 16 | 312 | 286 | 255 | 229 | 205 |
| LAMBERTVILLE | 96 | 6-28 | 8 | 1-28+ | 3- 8 | 16 | 4- 1 | 19 | 4- 1 | 19 | 4- 7 | 28 | 4-14 | 32 | 10-23 | 29 | 10-24 | 23 | 10-24 | 23 | 11-22 | 17 | 12-17 | 14 | 284 | 235 | 206 | 200 | 192 |
| LAYTON 2 | 93 | 6-29+ | -11 | 12-26+ | 4- 1 | 12 | 4- 2 | 18 | 4-12 | 24 | 4-21 | 27 | 5-27 | 30 | 10-15 | 32 | 10-23 | 24 | 10-23 | 24 | 10-24 | 17 | 11-16 | 15 | 229 | 205 | 194 | 185 | 141 |
| LITTLE FALLS | 97 | 5-30 | 7 | 1-28 | 3-12 | 16 | 4- 1 | 20 | 4- 1 | 20 | 4- 1 | 20 | 4-14 | 32 | 10-23 | 29 | 10-24 | 25 | 11-17 | 24 | 11-22 | 20 | 12-17 | 16 | 280 | 235 | 230 | 206 | 192 |
| LONG VALLEY | 93 | 5-30 | 1 | 1-28+ | 4- 2 | 16 | 4- 2 | 16 | 4-13 | 23 | 4-14 | 28 | 5-14 | 32 | 10-16 | 30 | 10-23 | 24 | 10-23 | 24 | 10-24 | 19 | 11-22 | 14 | 234 | 205 | 193 | 192 | 155 |
| MORRIS PLAINS 1 W | 95 | 6-29 | 5 | 1-28+ | 4- 1 | 14 | 4- 1 | 14 | 4- 2 | 22 | 4-13 | 27 | 4-21 | 30 | 10-16 | 32 | 10-23 | 27 | 10-24 | 17 | 10-24 | 17 | 11-22 | 15 | 235 | 206 | 205 | 193 | 178 |
| NEWARK WB AIRPORT | 96 | 6-28+ | 10 | 1-28 | 2-15 | 15 | 3-12 | 18 | 3-12 | 18 | 4- 1 | 28 | 4- 1 | 28 | 10-23 | 31 | 10-24 | 28 | 11-22 | 24 | 12-23 | 18 | 12-25 | 13 | 313 | 286 | 255 | 206 | 205 |
| NEWTON | 94 | 7-18 | 0 | 12-26+ | 3-13 | 16 | 4- 1 | 20 | 4- 1 | 20 | 4-21 | 28 | 5-27 | 31 | 10-16 | 28 | 10-16 | 28 | 10-24 | 19 | 10-24 | 19 | 11-22 | 14 | 254 | 206 | 206 | 178 | 142 |
| PATERSON | 97 | 7-18+ | 7 | 1-28 | 2-14 | 15 | 3-12 | 18 | 4- 2 | 24 | 4- 2 | 24 | 4- 3 | 32 | 10-23 | 29 | 11-16 | 26 | 11-22 | 22 | 12-17 | 19 | 12-18 | 16 | 307 | 280 | 234 | 228 | 203 |
| PHILLIPSBURG | 96 | 6-29 | 4 | 12-25 | 3- 6 | 16 | 4- 1 | 19 | 4- 1 | 19 | 4- 7 | 28 | 4-14 | 32 | 10-23 | 28 | 10-23 | 28 | 10-24 | 24 | 11-22 | 17 | 12-17 | 12 | 286 | 235 | 206 | 199 | 192 |
| PLAINFIELD | 97 | 6-28 | 8 | 1-28 | 2-16 | 15 | 4- 1 | 20 | 4- 1 | 20 | 4- 1 | 20 | 4-13 | 31 | 10-23 | 30 | 10-24 | 24 | 10-24 | 24 | 11-22 | 18 | 12-17 | 16 | 304 | 235 | 206 | 206 | 193 |
| SOMERVILLE | 96 | 7-17+ | | - | 3-12 | 15 | 4- 1 | 17 | 4- 1 | 17 | 4-13 | 28 | 4-25 | 31 | 10-18 | 31 | 10-24 | 22 | 10-24 | 22 | 11-17 | 20 | 11-22 | 15 | 255 | 230 | 206 | 194 | 176 |
| SUSSEX 1 SE | 94 | 7-18+ | - 6 | 12-25 | 4- 1 | 13 | 4- 2 | 18 | 4-13 | 24 | 5- 6 | 26 | 5-27 | 30 | 9-30 | 31 | 10-16 | 26 | 10-23 | 22 | 10-24 | 18 | 11-16 | 16 | 229 | 205 | 193 | 163 | 126 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 106 | 6-28 | 1 | 1-28 | 4- 1 | 12 | 4- 1 | 12 | 4-13 | 23 | 4-13 | 23 | 4-21 | 32 | 9-30 | 32 | 10-23 | 27 | 10-24 | 23 | 11-22 | 18 | 12-21 | 16 | 264 | 235 | 194 | 193 | 162 |
| AUDUBON | 97 | 6-28 | 11 | 1-28 | 1-28 | 11 | 3-12 | 18 | 4- 1 | 23 | 4- 1 | 23 | 4- 1 | 23 | 10-23 | 31 | 11-15 | 28 | 11-22 | 20 | 11-22 | 20 | 12-25 | 15 | 331 | 255 | 235 | 228 | 205 |
| BELLEPLAIN ST FOREST | 98 | 6-28 | 3 | 1- 6 | 2-16 | 14 | 4- 1 | 18 | 4- 7 | 23 | 4-14 | 28 | 4-25 | 32 | 10-18 | 31 | 10-24 | 18 | 10-24 | 18 | 10-24 | 18 | 11-22 | 14 | 279 | 206 | 200 | 193 | 176 |
| BURLINGTON | 98 | 7-18+ | 11 | 1-28 | 2-15 | 15 | 3-12 | 18 | 4- 1 | 24 | 4- 1 | 24 | 4-21 | 30 | 10-23 | 32 | 10-24 | 28 | 12- 5 | 24 | 12-18 | 15 | 12-18 | 15 | 306 | 281 | 248 | 206 | 185 |
| CHATSWORTH | 96 | 6-28+ | 4 | 2-11 | 4- 1 | 15 | 4- 1 | 15 | 4- 1 | 15 | 4-13 | 25 | 5-13 | 32 | 10-18 | 30 | 10-23 | 28 | 10-24 | 12 | 10-24 | 12 | 10-24 | 12 | 206 | 206 | 206 | 193 | 158 |
| FREEHOLD | 93 | 6-29+ | 9 | 2-15+ | 3-12 | 16 | 4- 1 | 20 | 4- 1 | 20 | 4-13 | 27 | 4-14 | 29 | 10-23 | 27 | 10-23 | 27 | 10-24 | 20 | 10-24 | 20 | 11-22 | 16 | 255 | 206 | 206 | 193 | 192 |
| GLASSBORO | 96 | 6-29 | 3 | 1- 6 | 2-15 | 16 | 3-12 | 18 | 4- 1 | 23 | 4-13 | 27 | 4-13 | 27 | 10-19 | 32 | 10-24 | 23 | 10-24 | 23 | 11-22 | 18 | 12-21 | 16 | 309 | 255 | 206 | 194 | 189 |
| HAMMONTON 2 NNE | 100 | 6-29 | 9 | 1-28+ | 2-15 | 15 | 3-12 | 17 | 4- 1 | 23 | 4- 1 | 23 | 4-13 | 30 | 10-23 | 29 | 10-24 | 23 | 10-24 | 23 | 11-27 | 19 | 12- 5 | 15 | 293 | 260 | 206 | 206 | 193 |
| HIGHTSTOWN 1 N | 96 | 7-17 | 8 | 1- 6+ | 3-12 | 16 | 4- 1 | 20 | 4- 1 | 20 | 4- 1 | 20 | 4-13 | 29 | 10-23 | 28 | 10-23 | 28 | 10-24 | 22 | 11-22 | 18 | 12-18 | 15 | 281 | 235 | 206 | 205 | 193 |
| INDIAN MILLS 2 W | 96 | 6-28 | 3 | 1- 6 | 4- 1 | 15 | 4- 1 | 15 | 4- 1 | 15 | 4-14 | 27 | 5-27 | 32 | 10-16 | 31 | 10-24 | 17 | 10-24 | 17 | 10-24 | 17 | 11-22 | 12 | 235 | 206 | 206 | 193 | 142 |
| MILLVILLE | 97 | 6-29 | 4 | 1- 2 | 3-17 | 15 | 4- 1 | 19 | 4- 2 | 21 | 4-13 | 28 | 4-14 | 32 | 10-23 | 32 | 10-24 | 21 | 10-24 | 21 | 11-22 | 16 | 11-22 | 16 | 250 | 235 | 205 | 194 | 192 |
| MILLVILLE FAA AIRPORT | 98 | 6-28 | 9 | 1- 6 | 2-15 | 16 | 4- 1 | 20 | 4- 1 | 20 | 4- 1 | 20 | 4-14 | 32 | 10-23 | 29 | 10-24 | 21 | 10-24 | 21 | 11-22 | 15 | 11-22 | 15 | 280 | 235 | 206 | 206 | 192 |
| MOORESTOWN | 95 | 7-18+ | 9 | 1-28 | 2-14 | 16 | 3-12 | 19 | 4- 1 | 24 | 4- 1 | 24 | 4-14 | 30 | 10-23 | 29 | 10-24 | 28 | 10-30 | 24 | 11-25 | 20 | 12-18 | 15 | 307 | 258 | 212 | 206 | 192 |
| NEW BRUNSWICK | 94 | 6-29 | 8 | 1-28 | 2-16 | 14 | 3-13 | 18 | 4- 1 | 22 | 4- 1 | 22 | 4-13 | 31 | 10-23 | 28 | 10-23 | 28 | 11-21 | 24 | 11-22 | 19 | 12-21 | 16 | 308 | 254 | 234 | 205 | 193 |
| PEMBERTON 3 E | 96 | 6-28 | 7 | 1- 6 | 2-16 | 16 | 4- 1 | 18 | 4- 1 | 18 | 4- 7 | 28 | 4-25 | 32 | 10-16 | 31 | 10-23 | 28 | 10-24 | 18 | 10-24 | 18 | 12-17 | 14 | 304 | 206 | 206 | 199 | 174 |
| SEABROOK FARMS | 96 | 6-29 | 11 | 1- 6 | 1-29 | 14 | 3-13 | 20 | 4- 1 | 22 | 4- 1 | 22 | 4-13 | 30 | 10-23 | 31 | 10-24 | 23 | 10-24 | 23 | 11-22 | 18 | 12-21 | 15 | 326 | 254 | 206 | 206 | 193 |
| SHILOH | 95 | 7-19+ | 11 | 1- 5 | 3-12 | 16 | 3-12 | 16 | 4- 1 | 24 | 4- 1 | 24 | 4-13 | 32 | 10-23 | 30 | 10-24 | 25 | 11-16 | 24 | 11-22 | 20 | 12-25 | 16 | 288 | 255 | 229 | 206 | 193 |
| TOMS RIVER | 98 | 6-29 | 5 | 1- 6 | 3- 8 | 14 | 4- 1 | 17 | 4- 1 | 17 | 4-13 | 28 | 4-14 | 30 | 10-18 | 32 | 10-24 | 19 | 10-24 | 19 | 10-24 | 19 | 11-22 | 15 | 259 | 206 | 206 | 194 | 187 |
| TRENTON WB CITY | 95 | 6-28 | 11 | 1-28 | 1-28 | 11 | 3-12 | 19 | 3-12 | 19 | 4- 1 | 26 | 4- 1 | 26 | 10-23 | 31 | 11-21 | 27 | 11-22 | 24 | 12-23 | 19 | 12-25 | 13 | 331 | 286 | 255 | 234 | 205 |
| TUCKERTON | 97 | 5-29 | 5 | 1- 6 | 3-12 | 16 | 4- 1 | 17 | 4- 1 | 17 | 4-13 | 28 | 4-21 | 30 | 10-23 | 27 | 10-23 | 27 | 10-24 | 19 | 10-24 | 19 | 11-22 | 15 | 255 | 206 | 206 | 193 | 185 |
| WOODSTOWN | 97 | 7-18+ | 2 | 1- 2 | 2-15 | 10 | 3-12 | 19 | 4- 1 | 21 | 4- 7 | 28 | 4-14 | 32 | 10-23 | 30 | 10-24 | 23 | 10-24 | 23 | 11-22 | 17 | 12-25 | 16 | 313 | 255 | 206 | 200 | 192 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | 95 | 7-18 | 16 | 1-28+ | 1-28 | 16 | 3-12 | 20 | 3-12 | 20 | 3-31 | 27 | 4- 1 | 32 | 11-15 | 32 | 11-21 | 28 | 12-17 | 24 | NONE | | NONE | | | | 280 | 235 | 228 |
| CAPE MAY 1 NW | 92 | 7-19+ | 13 | 1-28+ | 1-29 | 14 | 3-10 | 18 | 3-12 | 21 | 4- 1 | 25 | 4- 1 | 25 | 10-24 | 29 | 11-21 | 21 | 11-21 | 21 | 12-25 | 20 | NONE | | | 290 | 254 | 234 | 206 |
| LONG BRANCH 2S | 92 | 7-18+ | 10 | 1- 6 | 2-16 | 15 | 3-12 | 17 | 4- 1 | 22 | 4- 1 | 22 | 4-13 | 31 | 10-23 | 30 | 10-24 | 26 | 11-22 | 19 | 11-22 | 19 | 12-25 | 15 | 312 | 255 | 235 | 206 | 193 |
| SANDY HOOK | | - | | - | - | | - | | - | | - | | - | | 10-23 | 32 | 12- 2 | 25 | 12-24 | 22 | 12-25 | 19 | NONE | | | - | - | - | - |

See Reference Notes Following Station Index

# SOIL TEMPERATURES

| Station | Depth (IN) | Time | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | | Annual | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes |
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | 31.9 | 38<br>25 | 32.9 | 37<br>26 | 36.3 | 31 | 55.6 | 69<br>34 | 64.7 | 85<br>51 | 75.7 | 93<br>61 | 76.9 | 92<br>65 | 79.5 | 90<br>65 | 70.8 | 88<br>57 | 59.6 | 75<br>44 | 47.9 | 62<br>37 | 37.0 | 52<br>33 | 55.7 | 93<br>25 |
| | 2 | | 32.2 | 35<br>28 | 33.3 | 35<br>29 | 39.0 | 52<br>33 | 54.3 | 66<br>36 | 63.8 | 81<br>53 | 74.0 | 86<br>63 | 76.2 | 86<br>67 | 79.0 | 88<br>67 | 71.0 | 89<br>59 | 60.1 | 74<br>46 | 48.4 | 61<br>39 | 37.6 | 51<br>34 | 55.7 | 89<br>28 |
| | 4 | | 32.9 | 35<br>30 | 33.6 | 35<br>31 | 38.6 | 52<br>34 | 47.3 | 54<br>37 | 63.1 | 77<br>54 | 73.2 | 82<br>64 | 75.6 | 84<br>68 | 78.5 | 85<br>69 | 71.2 | 92<br>60 | 60.4 | 72<br>48 | 49.2 | 60<br>40 | 38.4 | 50<br>34 | 55.2 | 92<br>30 |
| | 8 | | 34.0 | 36<br>32 | 34.5 | 35<br>34 | 38.7 | 49<br>34 | 52.7 | 60<br>40 | 61.6 | 71<br>55 | 71.4 | 86<br>66 | 74.6 | 81<br>69 | 77.5 | 81<br>72 | 71.3 | 79<br>64 | 61.6 | 71<br>51 | 50.4 | 59<br>43 | 40.1 | 48<br>36 | 55.7 | 86<br>32 |
| | 20 | | 37.0 | 39<br>36 | 36.5 | 37<br>35 | 39.2 | 44<br>36 | 49.9 | 55<br>41 | 58.7 | 64<br>54 | 67.6 | 72<br>64 | 71.9 | 75<br>70 | 75.4 | 78<br>74 | 71.0 | 76<br>65 | 63.3 | 69<br>55 | 53.0 | 59<br>47 | 43.4 | 48<br>39 | 55.6 | 78<br>35 |
| | 40 | | 40.3 | 43<br>39 | 38.9 | 40<br>38 | 40.0 | 43<br>38 | 47.8 | 52<br>42 | 55.9 | 60<br>52 | 63.9 | 68<br>60 | 68.9 | 71<br>66 | 72.9 | 75<br>70 | 70.5 | 74<br>66 | 64.5 | 68<br>59 | 55.7 | 59<br>51 | 47.0 | 51<br>43 | 55.5 | 75<br>38 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | 32.3 | 39<br>25 | 33.6 | 35<br>29 | 40.8 | 62<br>34 | 56.3 | 78<br>35 | 67.5 | [illegible]<br>46 | 76.6 | 103<br>58 | 78.4 | 100<br>63 | 80.5 | 98<br>59 | 71.1 | 94<br>51 | 57.8 | 79<br>35 | 46.4 | 67<br>34 | 35.2 | 52<br>26 | 56.3 | 103<br>25 |
| | 2 | | 32.4 | 38<br>25 | 33.8 | 35<br>31 | 40.4 | 59<br>34 | 55.8 | 77<br>35 | 66.7 | 93<br>47 | 75.8 | 98<br>59 | 78.1 | 98<br>63 | 80.2 | 97<br>60 | 71.1 | 94<br>51 | 57.6 | 77<br>36 | 46.0 | 66<br>34 | 35.2 | 52<br>27 | 56.1 | 98<br>25 |
| | 4 | | 33.0 | 35<br>29 | 34.0 | 35<br>33 | 39.8 | 53<br>34 | 53.9 | 68<br>36 | 64.7 | 85<br>51 | 74.3 | 91<br>63 | 76.5 | 90<br>66 | 78.8 | 90<br>65 | 70.2 | 87<br>53 | 58.0 | 75<br>40 | 46.7 | 63<br>36 | 36.3 | 50<br>33 | 55.5 | 91<br>29 |
| | 8 | | 34.1 | 36<br>33 | 34.6 | 35<br>34 | 39.5 | 48<br>34 | 52.9 | 61<br>[illegible] | [illegible] | 76<br>54 | 72.4 | 83<br>67 | 75.4 | 83<br>69 | 77.5 | 83<br>70 | 70.3 | 82<br>56 | 59.3 | 72<br>46 | 47.9 | 59<br>39 | 37.9 | 46<br>35 | 55.4 | 83<br>33 |

MONTHLY AVERAGES ARE OBTAINEO BY TAKING THE AVERAGE OF MAX AND MIN VALUES.

SUB-STATION 1 : SLOPE OF GROUNO: FLAT. SOIL TYPE: LOAM. GROUNO COVER: KENTUCKY BLUEGRASS.

SUB-STATION 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN.

Table 4

# TOTAL EVAPORATION AND WIND MOVEMENT

| Station | | | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * *<br>NORTHERN | 01 | | | | | | | | | | | | | | |
| CANOE BROOK | | EVAP | - | - | - | - | 5.26 | 5.74B | 5.128 | 5.91 | 4.15B | - | - | - | - |
| | | DEP | - | - | - | - | .67 | 1.20 | .06 | 1.64 | 1.14 | - | - | - | - |
| | | WIND | - | - | - | 1760 | 1503 | 1090 | 835 | 723 | 632 | 888 | - | - | - |
| | | MAX | - | - | - | - | 76.5 | 84.0 | 87.8 | 79.3 | 79.3 | 67.8 | - | - | - |
| | | MIN | - | - | - | - | 50.5 | 62.2 | 66.0 | 66.6 | 58.8 | 49.7 | - | - | - |
| * * *<br>SOUTHERN | 02 | | | | | | | | | | | | | | |
| NEW BRUNSWICK | | EVAP | - | - | - | 5.198 | 6.77 | 6.85 | 6.73B | 7.23B | 4.64B | 3.02 | - | - | - |
| | | WIND | - | - | - | 2800 | 2427 | 1988 | 1858 | 1644 | 1263 | 1715 | - | - | - |
| | | MAX | - | - | - | 67.1 | 77.3 | 84.6 | 83.9 | 88.4 | 78.3 | 66.4 | - | - | - |
| | | MIN | - | - | - | 45.6 | 52.1 | 62.2 | 65.6 | 65.3 | 58.7 | 46.6 | - | - | - |
| PEMBERTON 3 E | | EVAP | - | - | - | - | 5.56 | 6.00 | 4.688 | 4.70B | 3.038 | 2.17 | 1.17 | - | - |
| | | WIND | - | - | - | - | 951 | 789B | 643 | 449 | 520 | 621 | 786 | 1125 | - |
| SEABROOK FARMS | | EVAP | - | - | - | 5.40B | 7.06 | B.05 | 7.618 | 6.67B | 5.09 | 3.328 | - | - | - |
| | | MAX | - | - | - | 70.6 | 78.1 | B7.8 | 87.2 | 89.1 | 80.8 | 67.0 | - | - | - |
| | | MIN | - | - | - | 46.0 | 54.1 | 64.5 | 67.5 | 66.2 | 59.4 | 46.1 | - | - | - |

# STATION INDEX

| Station | Index No. | Division No. | County | Drainage‡ | Latitude | Longitude | Elevation | Years of record | | | Opened or closed during yr. | | Refer to tables |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Temp. | Precip. | Evap. | Month opened | Month closed | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | | | C |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 74 34 | 74 35 | 64 | 12 | 12 | | | | 1 2 3 C |
| *ATLANTIC CITY R | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | 96 | 96 | | | | 1 2 3 |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 17 | 20 | | | | 1 2 3 |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 23 | | | | 2 |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 75 | 75 | | | | 1 2 3 |
| BELMAR 2 SW | 0721 | 03 | MONMOUTH | 1 | 40 09 | 74 04 | 40 | | 26 | | | MAR | 2 |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 77 | 77 | | | | 1 2 3 |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 11 | | | | 2 |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 13 | | | | 2 |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 61 | 79 | | | | 1 2 3 |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 13 | | | | 2 |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 68 | | | | 2 |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 57 | 83 | | | | 1 2 3 |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 29 | | | | 2 |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 39 | 39 | 39 | | | 1 2 34 |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 23 | | | | 2 |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 44 | 81 | | | | 1 2 3 C |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | | | C |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 77 | 77 | | | | 1 2 3 |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 25 | 25 | | | | 1 2 3 |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 26 | | | | 2 |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 1 | 1 | | JAN | | 1 2 3 |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 90 | 90 | | | | 1 2 3 |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 21 | 21 | | | | 1 2 3 C |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 72 | 83 | | | | 1 2 3 |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 23 | | | | 2 |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 65 | 65 | | | | 1 2 3 C |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 127 | 7 | 7 | | | | 1 2 3 C |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 29 | | | | 2 |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 37 | 63 | | | | 1 2 3 |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 13 | 13 | | | | 1 2 3 |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 73 | 76 | | | | 1 2 3 C |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 79 | 80 | | | | 1 2 3 |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | 71 | 71 | | | | 1 2 3 |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 82 | 82 | | | | 1 2 3 |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 7 | 7 | | | | 1 2 3 |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 55 | 66 | | | | 1 2 3 C |
| LONG BRANCH 2S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 61 | 61 | | | | 1 2 3 |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 39 | 39 | | | | 1 2 3 |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | | | C |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 13 | | | | 2 |
| MANVILLE | 5197 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 29 | | | MAR | 2 |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | | | C |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 25 | | | | 2 |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | 23 | | | | 2 |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 13 | 29 | | | | 1 2 3 |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | 20 | 20 | | | | 1 2 3 |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 29 | | | | 2 |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | 106 | 106 | | | | 1 2 3 |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 24 | 28 | | | | 1 2 3 |
| NEWARK WB AIRPORT R | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | 70 | 115 | | | | 1 2 3 C |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 2 | 2 | 2 | | | 1 2 34CC |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | 51 | | | | 2 C |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 86 | 86 | | | | 1 2 3 C |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 29 | | | | 2 |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 99 | 98 | | | | 1 2 3 |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 39 | 39 | 9 | | | 1 2 34 |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 78 | 86 | | | | 1 2 3 |
| PHILLIPSBURG BRIDGE | 6979 | 01 | WARREN | 2 | 40 42 | 75 12 | 200 | | 29 | | | OCT | 2 |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 78 | 81 | | | | 1 2 3 |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 2 | | | | 2 |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | 21 | | | | 2 |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | 30 | | | | 2 C |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 29 | | | | 2 |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 1 | 1 | | JUN | | 1 2 3 |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 7 | 7 | 7 | | | 1 2 34 |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 12 | 12 | | | | 1 2 3 |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 83 | 86 | | | | 1 2 3 |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 29 | | | | 2 |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | | | C |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 71 | 74 | | | | 1 2 3 |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 10 | 48 | | | | 1 2 3 |
| *TRENTON WB CITY R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | 97 | 97 | | | | 1 2 3 C |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 69 | 74 | | | | 1 2 3 |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 29 | | | | 2 C |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | | | C |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 13 | | | | 2 |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 11 | | | | 2 |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | 51 | | | | 2 C |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 21 | 31 | | | | 1 2 3 |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN 11-ROCKAWAY

CHANGES IN STATION NAME

| NEW NAME | FORMER NAME | DATE |
|---|---|---|
| LONG BRANCH 2 S | LONG BRANCH 2 N | DECEMBER 12, 1968 |

RELOCATION AND CHANGES OF EQUIPMENT

| | | |
|---|---|---|
| GLASSBORO | EQUIPMENT MOVED .5 MILE W | SEPTEMBER 10, 1969 |
| HIGH POINT PARK | EQUIPMENT MOVED 1.0 MILE SE | NOVEMBER 27, 1969 |
| LAYTON 2 | EQUIPMENT MOVED 1 MILE SSE | OCTOBER 1, 1969 |
| LONG BRANCH 2 S | EQUIPMENT MOVED 4.1 MILES SSW | DECEMBER 12, 1968 |

# REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey, 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1931-1960. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12SSW, indicate distance in miles and direction from the post office.

DELAYED DATA AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| - | No record. |
| + | Also on earlier date (dates) or months. |
| * | Amount included in following measurement. |
| // | Gage is equipped with a windshield. |
| B | Adjusted to a full month. |
| E | Amount is wholly or partially estimated. |
| M | One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record. |
| R | Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.) |
| T | Trace, an amount too small to measure. |
| V | Includes total for previous month. V in annual column means total is for a two-year period. |

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

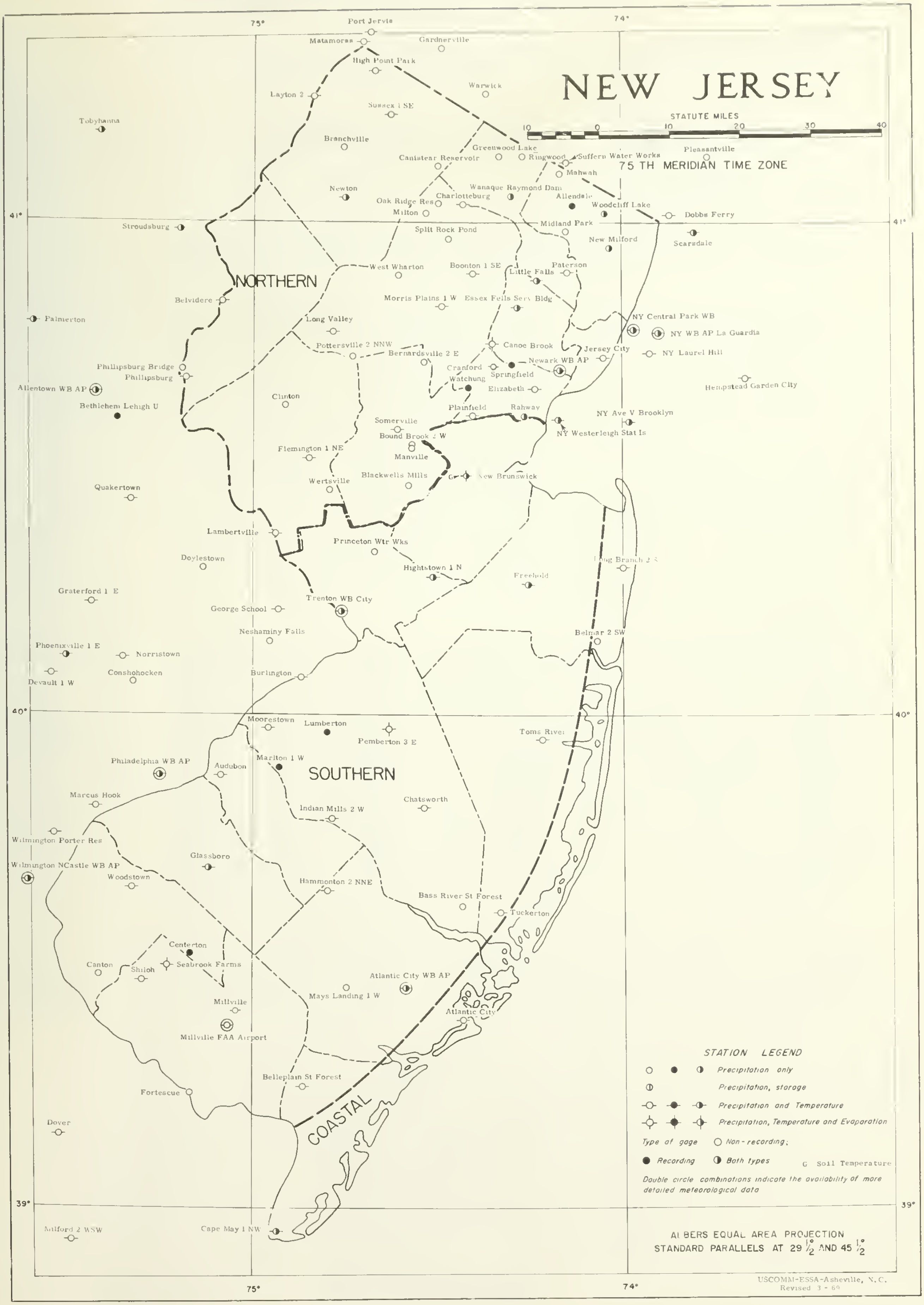
| | |
|---|---|
| # | Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building. |
| C | Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the annual issue of Hourly Precipitation Data. |
| G | Soil temperatures published. |

Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this State. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual, $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-3/27/70-980


NEW JERSEY
STATUTE MILES
10 0 10 20 30 40
75 TH MERIDIAN TIME ZONE
75°
74°
41°
40°
39°
NORTHERN
SOUTHERN
COASTAL
Port Jervis
Matamoras
Gardnerville
High Point Park
Layton 2
Warwick
Sussex 1 SE
Tobyhanna
Branchville
Greenwood Lake
Canistear Reservoir
Ringwood
Suffern Water Works
Pleasantville
Mahwah
Newton
Wanaque Raymond Dam
Oak Ridge Res
Charlotteburg
Allendale
Milton
Woodcliff Lake
Dobbs Ferry
Stroudsburg
Midland Park
Split Rock Pond
New Milford
Scarsdale
West Wharton
Boonton 1 SE
Paterson
Little Falls
Belvidere
Morris Plains 1 W
Essex Fells Serv Bldg
Palmerton
Long Valley
NY Central Park WB
NY WB AP La Guardia
Canoe Brook
Jersey City
NY Laurel Hill
Pottersville 2 NNW
Bernardsville 2 E
Newark WB AP
Phillipsburg Bridge
Phillipsburg
Cranford
Springfield
Allentown WB AP
Watchung
Elizabeth
Hempstead Garden City
Clinton
Bethlehem Lehigh U
Plainfield
Rahway
NY Ave V Brooklyn
Somerville
NY Westerleigh Stat Is
Bound Brook 2 W
Flemington 1 NE
Manville
Blackwells Mills
New Brunswick
Wertsville
Quakertown
Lambertville
Princeton Wtr Wks
Doylestown
Long Branch 2 S
Hightstown 1 N
Freehold
Graterford 1 E
Trenton WB City
George School
Belmar 2 SW
Neshaminy Falls
Phoenixville 1 E
Norristown
Conshohocken
Devault 1 W
Burlington
Moorestown
Lumberton
Pemberton 3 E
Toms River
Philadelphia WB AP
Audubon
Marlton 1 W
Marcus Hook
Chatsworth
Indian Mills 2 W
Wilmington Porter Res
Glassboro
Wilmington NCastle WB AP
Woodstown
Hammonton 2 NNE
Bass River St Forest
Tuckerton
Centerton
Canton
Shiloh
Seabrook Farms
Atlantic City WB AP
Mays Landing 1 W
Millville
Atlantic City
Millville FAA Airport
Belleplain St Forest
Fortescue
Dover
Milford 2 WSW
Cape May 1 NW
STATION LEGEND
○ ● ◑ Precipitation only
◑ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
-○- -●- -◑- Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording;
● Recording ◑ Both types
G Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
USCOMM-ESSA-Asheville, N.C.
Revised 3 - 69

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
JANUARY 1970
Volume 75 No. 1

THE LIBRARY OF THE
APR
UNIVERSITY OF ILLINOIS

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 29.1 | 9.1 | 19.1 | -10.8 | 44 | 27 | - 6 | 23 | 1418 | 0 | 20 | 30 | 7 | .55 | - 3.08 | .18 | 4 | 6.2 | 10 | 13+ | 3 | 0 | 0 |
| BOONTON 1 SE | 29.7 | 11.3 | 20.5 | - 8.4 | 48 | 30 | - 4 | 23 | 1373 | 0 | 20 | 30 | 2 | .41 | - 2.83 | .12 | 21 | 6.5 | 2 | 21+ | 2 | 0 | 0 |
| CANOE BROOK | 30.9 | 9.9 | 20.4 | - 8.6 | 48 | 30+ | - 2 | 24+ | 1378 | 0 | 19 | 30 | 5 | .50 | - 3.16 | .18 | 21 | 7.1 | 6 | 13+ | 3 | 0 | 0 |
| CHARLOTTEBURG | 28.0 | 9.7 | 18.9 | - 9.7 | 47 | 30 | - 8 | 23 | 1422 | 0 | 23 | 29 | 7 | .66 | - 3.01 | .13 | 4 | 6.0 | 13 | 13+ | 3 | 0 | 0 |
| CRANFORD | 33.0 | 15.8 | 24.4 | | 49 | 17 | 1 | 23+ | 1250 | 0 | 15 | 29 | 0 | .56 | | .17 | 12 | 8.0 | 8 | 12+ | 3 | 0 | 0 |
| ELIZABETH | 33.1 | 17.7 | 25.4 | - 7.4 | 48 | 29 | 0 | 22 | 1223 | 0 | 14 | 29 | 1 | 0 .53 | - 3.44 | .21 | 7 | 5.7 | 7 | 12 | 2 | 0 | 0 |
| ESSEX FELLS SERV BLDG | 30.4 | 12.6 | 21.5 | | 47 | 30 | - 2 | 23+ | 1340 | 0 | 19 | 30 | 3 | D .74 | | D .35 | 7 | 9.5 | 8 | 13+ | 3 | 0 | 0 |
| FLEMINGTON 1 NE | 29.0 | 9.0 | 19.0 | -12.5 | 49 | 18 | -10 | 9 | 1418 | 0 | 22 | 30 | 7 | 1.00 | - 2.32 | .25 | 12+ | 12.0 | 14 | 17+ | 5 | 0 | 0 |
| HIGH POINT PARK | 25.9 | 7.4 | 16.7 | | 46 | 30 | - 8 | 22 | 1491 | 0 | 24 | 31 | 7 | .66 | | .22 | 4 | | 14 | 17+ | 3 | 0 | 0 |
| JERSEY CITY | 31.8 | 18.3 | 25.1 | - 7.4 | 48 | 29 | 2 | 9 | 1228 | 0 | 17 | 29 | 0 | 2.82 | - .55 | 1.00 | 12+ | | | | 4 | 3 | 2 |
| LAMBERTVILLE | 32.6 | 14.5 | 23.6 | - 8.1 | 52 | 17 | - 1 | 23 | 1277 | 0 | 17 | 30 | 1 | .50 | - 2.84 | .17 | 7 | 9.0 | 8 | 14+ | 3 | 0 | 0 |
| LAYTON 2 | 27.7 | 3.7 | 15.7 | | 42 | 30+ | -17 | 9 | 1520 | 0 | 24 | 31 | 16 | .91 | | .20 | 4 | 5.5 | 18 | 7+ | 5 | 0 | 0 |
| LITTLE FALLS | 31.1 | 14.8 | 23.0 | - 8.1 | 50 | 30 | - 1 | 23 | 1295 | 0 | 18 | 29 | 1 | .59 | - 3.06 | .21 | 21 | 7.5 | 9 | 13+ | 3 | 0 | 0 |
| LONG VALLEY | 29.0 | 10.3 | 19.7 | | 45 | 30+ | - 8 | 23 | 1399 | 0 | 22 | 30 | 5 | .67 | - 2.87 | .25 | 12 | 8.0 | | | 4 | 0 | 0 |
| MORRIS PLAINS 1 W | 30.2 | 10.4 | 20.3 | | 49 | 30 | - 7 | 22 | 1378 | 0 | 20 | 30 | 6 | .59 | | .14 | 1 | 7.5 | 10 | 13 | 4 | 0 | 0 |
| NEWARK WB AIRPORT R | 30.9 | 17.5 | 24.2 | - 8.1 | 48 | 29 | 2 | 9 | 1255 | 0 | 19 | 30 | 0 | .87 | - 2.46 | .29 | 20 | 9.1 | 6 | 22+ | 3 | 0 | 0 |
| NEWTON | 28.0 | 7.1 | 17.6 | - 9.9 | 46 | 30 | -12 | 23 | 1464 | 0 | 20 | 31 | 10 | .66 | - 2.38 | .16 | 4 | 6.7 | 13 | 13+ | 3 | 0 | 0 |
| PATERSON | 31.1 | 15.1 | 23.1 | - 8.5 | 50 | 30 | - 6 | 23 | 1290 | 0 | 18 | 29 | 1 | 1.14 | - 2.46 | .25 | 7 | 10.3 | | | 6 | 0 | 0 |
| PHILLIPSBURG | 30.2 | 11.0 | 20.6 | - 9.9 | 47 | 18 | - 3 | 23 | 1371 | 0 | 20 | 30 | 5 | .89 | - 2.79 | .45 | 7 | 11.0 | 11 | 13+ | 4 | 0 | 0 |
| PLAINFIELD | 31.2 | 15.9 | 23.6 | - 8.3 | 47 | 29+ | 0 | 23+ | 1277 | 0 | 17 | 28 | 2 | .82 | - 2.79 | .28 | 21 | 9.8 | 9 | 22+ | 3 | 0 | 0 |
| SOMERVILLE | | | | | | | | | | | | | | | | | | | | | 3 | 0 | 0 |
| SUSSEX 1 SE | 27.8 | .6 | 14.2 | -13.5 | 45 | 30 | -15 | 23+ | 1568 | 0 | 21 | 31 | 18 | .99 | - 2.38 | .24 | 12 | | | | | | |
| DIVISION | | | 20.8 | - 9.4 | | | | | | | | | | .81 | - 2.66 | | | 8.1 | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 35.2 | 18.5 | 26.9 | - 7.9 | 60 | 29 | 3 | 23 | 1174 | 0 | 13 | 29 | 0 | 1.50 | - 2.06 | .32 | 18 | 10.3 | 5 | 10+ | 6 | 0 | 0 |
| AUDUBON | 34.1 | 18.7 | 26.4 | | 54 | 29 | 3 | 9 | 1189 | 0 | 16 | 30 | 0 | 1.03 | | .35 | 7 | 12.0 | 7 | 12 | 5 | 0 | 0 |
| BELLEPLAIN ST FOREST | 36.8M | 15.2M | 26.0M | | 60 | 29 | - 5 | 23 | 1214 | 0 | 11 | 28 | 2 | 1.35 | - 2.12 | .61 | 18 | 8.5 | 5 | 9+ | 4 | 1 | 0 |
| BURLINGTON | 34.7 | 21.9 | 28.3 | - 5.9 | 53 | 29 | 3 | 9 | 1127 | 0 | 12 | 28 | 0 | 1.21 | - 2.06 | .65 | 18 | | | | 3 | 1 | 0 |
| CHATSWORTH | 36.2 | 13.5 | 24.9 | | 58 | 29 | - 7 | 23 | 1238 | 0 | 11 | 29 | 4 | 1.02 | | .60 | 12 | | | | 2 | 1 | 0 |
| FREEHOLD | 30.5 | 14.5 | 22.5 | -10.2 | 52 | 30 | - 1 | 23 | 1310 | 0 | 17 | 30 | 2 | .90 | - 2.68 | .28 | 18 | 10.9 | 6 | 12+ | 4 | 0 | 0 |
| GLASSBORO | 33.6 | 15.6 | 24.6 | | 52 | 29+ | 0 | 10 | 1245 | 0 | 14 | 30 | 1 | 1.25 | | .50 | 7 | | | | 4 | 1 | 0 |
| HAMMONTON 2 NNE | 34.9 | 15.7 | 25.3 | - 8.9 | 57 | 30 | 1 | 10+ | 1220 | 0 | 13 | 30 | 0 | .77 | - 2.80 | .41 | 18 | | | | 2 | 0 | 0 |
| HIGHTSTOWN 1 N | 32.2 | 15.6 | 23.9 | - 8.5 | 51 | 29 | 0 | 9 | 1265 | 0 | 16 | 29 | 1 | .89 | - 2.33 | .36 | 7 | 10.7 | 9 | 15+ | 4 | 0 | 0 |
| INDIAN MILLS 2 W | 34.4 | 15.0 | 24.7 | - 8.6 | 57 | 29 | - 2 | 23 | 1243 | 0 | 14 | 28 | 2 | 1.08 | - 2.54 | .55 | 7 | 10.2 | 5 | 7 | 3 | 1 | 0 |
| MILLVILLE | 35.4 | 15.5 | 25.5 | | 58 | 30 | - 5 | 10 | 1221 | 0 | 15 | 29 | 3 | .95 | | .48 | 18 | | | | 4 | 0 | 0 |
| MILLVILLE FAA AIRPORT | 34.2 | 16.9 | 25.6 | | 57 | 29 | 1 | 23+ | 1218 | 0 | 15 | 29 | 0 | .74 | | .30 | 6 | 6.0 | 4 | 10+ | 3 | 0 | 0 |
| MOORESTOWN | 34.0M | 16.9M | 25.5M | - 7.5 | 55 | 29 | 2 | 9 | 1218 | 0 | 14 | 28 | 0 | .69 | - 2.43 | .30 | 7 | | | | 2 | 0 | 0 |
| NEW BRUNSWICK | 29.8 | 15.5 | 22.7 | - 9.6 | 50 | 30 | 1 | 9 | 1306 | 0 | 18 | 30 | 0 | .90 | - 2.44 | .29 | 7 | 8.8 | 10 | 14+ | 5 | 0 | 0 |
| PEMBERTON 3 E | 33.5 | 14.6 | 24.1 | - 9.8 | 55 | 29 | - 2 | 23 | 1259 | 0 | 14 | 28 | 1 | 1.12 | - 2.18 | .53 | 7 | 10.7 | 6 | 13+ | 4 | 1 | 0 |
| SEABROOK FARMS | 33.2 | 16.0 | 24.6 | | 55 | 30 | 2 | 10+ | 1245 | 0 | 16 | 30 | 0 | .82 | | .44 | 18 | | | | 2 | 0 | 0 |
| SHILOH | 35.1 | 18.0 | 26.6 | - 7.7 | 55 | 29 | 2 | 9 | 1183 | 0 | 12 | 28 | 0 | .98 | - 2.50 | .45 | 7 | | | | 2 | 0 | 0 |
| TOMS RIVER | 33.7 | 14.1 | 23.9 | | 57 | 30 | - 2 | 23 | 1266 | 0 | 16 | 29 | 2 | 1.03 | | .41 | 7 | 11.0 | | | 3 | 0 | 0 |
| TRENTON WB CITY R | 31.7 | 19.2 | 25.5 | - 7.6 | 52 | 29 | 4 | 9+ | 1220 | 0 | 18 | 30 | 0 | .91 | - 2.19 | .20 | 6 | 8.8 | 5 | 15+ | 4 | 0 | 0 |
| TUCKERTON | 35.7 | 15.6 | 25.7 | | 54 | 29+ | - 4 | 23 | 1212 | 0 | 11 | 29 | 2 | 1.30 | | .52 | 7 | 10.1 | 5 | 8+ | 3 | 1 | 0 |
| WOODSTOWN | 35.7 | 16.7 | 26.2 | | 55 | 29 | 2 | 10+ | 1195 | 0 | 11 | 27 | 0 | .74 | | .36 | 18 | 4.5 | 3 | 16+ | 2 | 0 | 0 |
| DIVISION | | | 25.2 | - 8.2 | | | | | | | | | | 1.01 | - 2.44 | | | 9.4 | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 35.8 | 23.2 | 29.5 | - 6.5 | 55 | 29 | 9 | 9+ | 1093 | 0 | 13 | 27 | 0 | 1.54 | - 2.21 | .59 | 18 | | | | 5 | 1 | 0 |
| CAPE MAY 1 NW | 34.3 | 20.4 | 27.4 | | 56 | 30 | 7 | 9 | 1161 | 0 | 15 | 29 | 0 | 2.07 | | .98 | 17 | | | | 4 | 2 | 0 |
| LONG BRANCH 2S | 33.3 | 17.3 | 25.3 | - 7.7 | 53 | 29+ | 1 | 23+ | 1223 | 0 | 15 | 29 | 0 | 1.43 | - 2.35 | .50 | 21 | 12.5 | 6 | 21 | 4 | 1 | 0 |
| SANDY HOOK | 30.9 | 21.2 | 26.1 | | 46 | 30+ | 8 | 22 | 1202 | 0 | 16 | 28 | 0 | 1.09 | | .65 | 21 | | | | 3 | 1 | 0 |
| DIVISION | | | 27.1 | - 7.4 | | | | | | | | | | 1.53 | - 1.99 | | | 12.5 | | | | | |

## EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>2 STATIONS | 60 | DATE | 29 |
| LOWEST TEMPERATURE<br>LAYTON 2 | - 17 | DATE | 09 |
| GREATEST TOTAL PRECIPITATION<br>JERSEY CITY | 2.82 | | |
| LEAST TOTAL PRECIPITATION<br>BOUND BROOK 2 W | .37 | | |
| GREATEST 1 DAY PRECIPITATION<br>JERSEY CITY | 1.00 | DATE | 12+ |
| GREATEST TOTAL SNOWFALL<br>LONG BRANCH 2S | 12.5 | | |
| GREATEST DEPTH OF SNOW<br>LAYTON 2 | 18 | DATE | 07+ |

**See Reference Notes Following Station Index**

SPECIAL WEATHER SUMMARY ON PAGE 2

# NEW JERSEY - JANUARY 1970

## SPECIAL WEATHER SUMMARY

This was the coldest January since 1918 in northern New Jersey. For the southern and coastal divisions of the State, this was the coldest January since 1940.

Precipitation was below normal over all divisions, but snowfall was near or above the long-term average throughout the State.

Donald V. Dunlap
ESSA-Weather Bureau State Climatologist
Department of Meteorology
College of Agriculture & Environmental Science
Rutgers University - The State University
New Brunswick, New Jersey 08903

# DAILY PRECIPITATION

| Station | | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | | .55 | T | | | .18 | | | .16 | T | T | | | .12 | T | | | | | T | | | .03 | | | T | T | T | | .03 | T | .03 | |
| BERNARDSVILLE 2 E | | .63 | | | | .06 | | | .18 | | | | | .14 | | | | | | .03 | | | .20 | | | T | .01 | | | .01 | | | |
| BLACKWELLS MILLS | | .63 | | | | T | | | .29 | | | | | .13 | | | | | | .04 | | | .17 | | | | | | | T | | | |
| BOONTON 1 SE | | .41 | .06 | | | .06 | | | .06 | T | T | | | .11 | T | | | | | | | | .12 | | | T | T | T | | T | T | T | |
| BOUND BROOK 2 W | | .37 | | | | .04 | | | .11 | | | | | .13 | T | | | | | .03 | | | .05 | | | | T | | | .01 | | | |
| BRANCHVILLE | | .65 | .07 | | | .16 | | T | .02 | | | | | .12 | .07 | | | | | | | | .05 | | | T | T | .12 | | | | .04 | |
| CANISTEAR RESERVOIR | | .90 | .20 | | | .25 | | | .09 | | | | | .13 | .02 | | | | | | | | .09 | | | .01 | T | .08 | | T | T | .03 | |
| CANOE BROOK | | .50 | | | | T | | | .17 | T | T | | | .14 | T | | | | | .01 | | | .18 | | | T | T | T | | T | | T | T |
| CHARLOTTEBURG | | .66 | .10 | | | .13 | | | .08 | | | | | .09 | .04 | | | | | | | | .11 | | | .02 | T | .07 | | T | T | .02 | |
| CLINTON | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CRANFORD | | .56 | | | .04 | T | | | .15 | T | | T | | .17 | | | | | | .03 | | T | .16 | | | T | .01 | | | T | | | |
| ELIZABETH | D | .53 | | | .02 | .01 | | | .21 | | | | | 0 .20 | | | | | | | | | 0 .02 | | | | .05 | .02 | | T | T | | |
| ESSEX FELLS SERV BLDG | D | .74 | T | | | .07 | | | D .35 | T | T | | | .12 | T | | | | | | | | .20 | | | T | T | | | | | | |
| FLEMINGTON 1 NE | | 1.00 | .14 | | | .12 | | | .25 | T | | | | .25 | | | | | | .06 | | | .13 | | | | T | | | .05 | | | |
| GREENWOOD LAKE | | .84 | .23 | | | .13 | | | .05 | | | | | .10 | .05 | | | | | | | | .15 | | | .05 | | .05 | | T | | .03 | |
| HIGH POINT PARK | | .66 | | | T | .22 | | | .03 | T | | | | .15 | .04 | | | | | | | | .09 | | | | | | | | .13 | | |
| JERSEY CITY | | 2.82 | | | .50 | | | T | 1.00 | .25 | | | | 1.00 | | | | | T | T | | .05 | .01 | | | | | | T | | .01 | | |
| LAMBERTVILLE | | .50 | | | .05 | | | | .17 | T | | | | .10 | | | | | | .11 | | T | .07 | | | | T | | T | | | | |
| LAYTON 2 | | .91 | .10 | | .10 | .20 | | | T | | | | | .15 | T | | | | | .03 | | | .02 | | T | | T | .04 | | .15 | .06 | .06 | |
| LITTLE FALLS | | .59 | .05 | | T | .06 | | | .10 | | .01 | | | .12 | .01 | | | | | T | | | .21 | | | T | .02 | .01 | | T | | | |
| LONG VALLEY | | .67 | | | | .15 | | | .10 | | | | | .25 | | | | | | .01 | | | .10 | | | T | | | | .06 | | | |
| MAHWAH | | .65 | .15 | | | .12 | | | T | | | | | .15 | .05 | | | | | | | | .14 | | | T | | .03 | | | T | .01 | |
| MIDLAND PARK | | .41 | T | T | .03 | T | T | T | .03 | T | T | T | T | .05 | T | T | T | T | T | .01 | T | .05 | .20 | T | | T | .02 | T | .01 | T | .01 | T | |
| MILTON | | 1.58 | .55 | | | .20 | | | .10 | | | | | .25 | .05 | | | | | | | | .05 | | | .02 | .05 | .20 | | .01 | | .10 | |
| MORRIS PLAINS 1 W | | .59 | .14 | | T | .13 | | T | .06 | T | | | | .11 | .03 | | | | | .01 | | | .11 | | | T | | T | T | T | T | T | |
| NEWARK WB AIRPORT | R | .87 | | | .04 | | | .07 | .17 | .01 | | T | | .16 | | | | | .02 | .03 | | .29 | .03 | | .01 | | .02 | | .02 | | T | | |
| NEW MILFORD | | .51 | | | .10 | | | | .08 | | | | | .10 | | | | | | | | .09 | .09 | | | | .05 | | | | | | |
| NEWTON | | .66 | .05 | | T | .16 | | | .02 | T | T | | | .11 | .03 | | | | | T | | | .10 | | | .01 | .04 | .09 | | .02 | .01 | .02 | |
| OAK RIDGE RESERVOIR | | 1.11 | .29 | | | .21 | | | .09 | | | | | .12 | .04 | | | | | | | | .11 | | | T | .04 | .06 | | T | .11 | .04 | |
| PATERSON | | 1.14 | .06 | | | .12 | | | .25 | T | .01 | | | .22 | .03 | | | | | .12 | | | .20 | | | T | .10 | T | | T | | .03 | |
| PHILLIPSBURG | | .89 | | | | .13 | | | .45 | | | | | .16 | | | | | | | | | .10 | | | | | | | .05 | | | |
| PLAINFIELD | | .82 | | | .05 | | | | .22 | T | | | | .15 | | | | | | .09 | | T | .28 | | T | | .03 | | T | | | | |
| POTTERSVILLE 2 NNW | | .61 | .08 | | | .11 | | | .09 | T | T | | | .20 | T | | | | | | | | .11 | | | | T | T | | .02 | T | T | |
| RAHWAY | | .41 | | | | | | .05 | .07 | | | | | .13 | | | | | .02 | T | | .11 | .03 | | | | | | T | | T | | |
| RINGWOOD | | .58 | .03 | | T | .19 | | | .03 | | | | | .12 | | | | | | | | | .15 | | | | T | .03 | | | .03 | | |
| SOMERVILLE | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SPLIT ROCK POND | | .51 | .05 | | | .10 | | | .05 | | | | | .13 | .02 | | | | | | | | .10 | | | | .03 | .02 | | | .01 | | |
| SUSSEX 1 SE | | .99 | .09 | | | .22 | | | .03 | | T | | | .24 | .06 | | | | | | | | .09 | | | .06 | T | .15 | | .01 | .02 | .02 | |
| WANAQUE RAYMOND DAM | | .46 | .05 | | T | .11 | | | .03 | | | | | .10 | .04 | | | | | | | | .10 | | | | T | .03 | | T | T | T | |
| WERTSVILLE | | .53 | | | | .04 | | | .10 | .01 | T | | | .15 | T | | | | | .09 | | | .12 | | | | | T | | .02 | T | | |
| WEST WHARTON | | .60 | .12 | | | | | | .19 | T | T | | | .10 | .03 | | | | | T | | | .09 | | | T | .01 | .02 | | .03 | | .01 | |
| WOODCLIFF LAKE | | .50 | .02 | | .05 | .03 | | | .05 | | | | | .12 | .03 | | | | | | | .10 | .10 | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | | 1.50 | T | | T | | | .18 | .25 | T | | | | .09 | | | | | .20 | .32 | | .29 | .13 | | T | | T | | T | | .04 | | |
| AUDUBON | | 1.03 | | | T | | | .15 | .35 | | | | T | .10 | | | | | .26 | .07 | | .10 | | | T | | T | | T | | T | | |
| BASS RIVER ST FOREST | | 1.32 | | | | | | | .54 | | | | | .09 | | | | | | .41 | | | .28 | | | | | | | | | | |
| BELLEPLAIN ST FOREST | | 1.35 | T | | | | | | .38 | | | | | .05 | | | | | | .61 | | T | .20 | | | | | | | | T | .11 | |
| BURLINGTON | | 1.21 | | | .05 | | | | .18 | | | | | .30 | | | | | | .65 | | T | | | | | | | T | .03 | T | | |
| CANTON | | 1.59 | | | T | | | | .41 | .15 | | | | | | | | | | .50 | .19 | | .34 | | | | | | | T | | | |
| CHATSWORTH | | 1.02 | | | | | | | | | | | | .60 | | | | | | .38 | | | | | | | | | T | T | .04 | | |
| FORTESCUE | | .90 | | | | | | | .35 | | | | | .20 | | | | | | .25 | | | .10 | | | | | | | | | | |
| FREEHOLD | | .90 | .04 | | | .04 | | | .12 | .02 | .01 | | | .12 | T | | | | | .28 | | | .26 | | | | T | T | | .01 | | T | |
| GLASSBORO | | 1.25 | | | | | | .30 | .50 | | | | .02 | .03 | | | | | .15 | .17 | | | .05 | | | | | .01 | .02 | | T | | |
| HAMMONTON 2 NNE | | .77 | | | | | | | .24 | | | | | | .05 | | | | | .41 | | | | | | | | .05 | | | .02 | | |
| HIGHTSTOWN 1 N | | .89 | | | .01 | | | | .36 | T | | | | .11 | | | | | | .23 | | T | .14 | | | | T | | .01 | .03 | T | | |
| INDIAN MILLS 2 W | | 1.08 | | | T | T | | T | .55 | T | | | | .04 | | | | | T | .30 | | T | .16 | | T | T | T | | T | .02 | .01 | T | |
| MAYS LANDING 1 W | | 1.37 | .02 | T | | | | | .50 | .03 | | | | .02 | T | | | | | .55 | | | .16 | | | | | | | T | | .09 | |
| MILLVILLE | | .95 | | | | | | | .18 | .06 | | | | T | | | | | | .48 | | | .12 | | | | T | | | T | | .11 | |
| MILLVILLE FAA AIRPORT | | .74 | T | | T | | | .30 | .19 | T | | | T | T | | | | | .01 | .03 | | .13 | .02 | | T | | .02 | | T | | .04 | T | |
| MOORESTOWN | | .69 | | | | .02 | | | .30 | T | | | | .07 | | | | | | .22 | | .05 | | | | | | | .03 | | T | | |
| NEW BRUNSWICK | | .90 | .13 | | T | .02 | | | .29 | T | T | | | .14 | T | | | | | .14 | | | .15 | | | T | .01 | | | .02 | | | |
| PEMBERTON 3 E | | 1.12 | | | | | | | .53 | | | | | .11 | | | | | | .28 | | | .17 | | | | | | T | .03 | T | | |
| PRINCETON WATER WORKS | | - | | | T | | | .17 | .10 | T | | | | | | | | | .15 | .04 | | - | - | T | | T | | | .03 | | | | |
| SEABROOK FARMS | | .82 | | | | .01 | | | .22 | .04 | | | | .01 | | | | | | .44 | | | .07 | | | T | T | | | | | .03 | |
| SHILOH | | .98 | | | | .02 | | | .45 | | | | | | | | | | | .42 | .07 | | | | | | | | | | .02 | | |
| TOMS RIVER | | 1.03 | | | | | | | .41 | | | | | .02 | | | | | | .33 | | | .26 | | | | | | | .01 | | | |
| TRENTON WB CITY | R | .91 | | | .04 | | | .20 | .16 | .01 | | | .06 | .03 | | | | | .19 | .03 | | .12 | T | | T | | .05 | | .02 | | T | | |
| TUCKERTON | | 1.30 | T | | T | T | | T | .52 | T | | | | .05 | | | | | T | .48 | | .07 | .13 | | T | T | T | | T | T | .05 | T | |
| WOODSTOWN | | .74 | T | | T | T | | | .30 | | | | | .02 | | | | | | .36 | | T | .05 | | T | T | T | | T | T | .01 | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | R | 1.54 | | | | | | .22 | | | | | | .02 | | | | | .22 | .59 | | .29 | .13 | | | | | | | | .07 | | |
| CAPE MAY 1 NW | | 2.07 | | | | | | | .71 | T | | T | | .04 | | | | | .98 | | | | .17 | | | | T | | T | | | .17 | |
| LONG BRANCH 2S | | 1.43 | T | | .02 | | T | T | .43 | T | | | | .13 | T | | | | | .27 | | .05 | .50 | | | T | .02 | T | .01 | T | T | | |
| SANDY HOOK | | 1.09 | | | | .02 | | | .20 | | | | | | .20 | | | | | | | | .65 | | | | | .02 | | | | | T |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent | | | | Number of days with precipitation | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Standard of Time EASTERN | | | | | | | | | | | | |
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | Percent of Possible sunshine | Average sky cover sunrise to sunset |
| ATLANTIC CITY WB AIRPORT | 28 | 8.0 | 11.1 | 30++ | 30 | 21 | 69 | 74 | 57 | 66 | 6 | 2 | 6 | 0 | 0 | 0 | 14 | 52 | 5.7 |
| ATLANTIC CITY ST. MARINA | - | - | - | 32 | NE | 07 | - | - | - | - | 0 | 2 | 4 | 1 | 0 | 0 | 7 | - | - |
| NEWARK WB AIRPORT | 28 | 6.6 | 10.2 | 28++ | 31 | 21 | 68 | 71 | 61 | 64 | 2 | 9 | 3 | 0 | 0 | 0 | 14 | - | 5.7 |
| TRENTON WB CITY | - | - | - | 28 | NW | 10 | - | - | - | - | 3 | 7 | 4 | 0 | 0 | 0 | 14 | 52 | 5.4 |

# DAILY TEMPERATURES

NEW JERSEY
JANUARY 1970

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 32 | 24 | 27 | 28 | 31 | 29 | 35 | 26 | 13 | 15 | 29 | 27 | 26 | 35 | 25 | 28 | 33 | 41 | 38 | 22 | 21 | 16 | 22 | 20 | 27 | 34 | 44 | 35 | 40 | 43 | 36 | 29.1 |
| | MIN | 10 | 3 | 7 | 0 | 5 | 10 | 18 | 2 | -3 | 1 | 10 | 16 | 18 | 9 | 5 | 2 | 5 | 29 | 6 | -4 | -2 | -1 | -6 | -3 | 3 | 20 | 24 | 27 | 29 | 33 | 9 | 9.1 |
| BOONTON 1 SE | MAX | 32 | 28 | 28 | 30 | 29 | 31 | 36 | 23 | 14 | 13 | 27 | 29 | 26 | 33 | 22 | 28 | 37 | 44 | 40 | 24 | 22 | 16 | 18 | 23 | 26 | 35 | 45 | 35 | 43 | 48 | 35 | 29.7 |
| | MIN | 11 | 12 | 14 | 12 | 5 | 6 | 20 | 11 | 1 | 1 | 10 | 13 | 15 | 14 | 8 | 6 | 10 | 30 | 4 | 1 | 2 | 1 | -4 | -2 | 13 | 20 | 20 | 21 | 27 | 35 | 12 | 11.3 |
| CANOE BROOK | MAX | 33 | 28 | 30 | 31 | 31 | 32 | 34 | 24 | 16 | 15 | 31 | 29 | 25 | 35 | 26 | 30 | 37 | 48 | 39 | 22 | 21 | 19 | 21 | 24 | 28 | 35 | 48 | 37 | 44 | 48 | 38 | 30.9 |
| | MIN | 20 | 10 | 12 | 15 | 1 | 8 | 20 | 6 | -2 | 0 | 7 | 12 | 11 | 11 | 7 | 1 | 3 | 27 | 7 | 0 | 1 | 1 | -2 | -2 | 6 | 15 | 18 | 21 | 26 | 34 | 14 | 9.9 |
| CHARLOTTEBURG | MAX | 30 | 23 | 27 | 30 | 28 | 29 | 32 | 20 | 12 | 11 | 25 | 28 | 24 | 30 | 19 | 24 | 39 | 45 | 41 | 20 | 22 | 13 | 15 | 22 | 23 | 38 | 42 | 31 | 43 | 47 | 35 | 28.0 |
| | MIN | 11 | 10 | 8 | 15 | 6 | 7 | 17 | 8 | -3 | -3 | 9 | 15 | 9 | 12 | 5 | 5 | 10 | 37 | 6 | -2 | -2 | -1 | -8 | -6 | 10 | 19 | 18 | 18 | 26 | 33 | 13 | 9.7 |
| CRANFORD | MAX | 30 | 29 | 33 | 32 | 33 | 34 | 34 | 22 | 13 | 30 | 29 | 26 | 35 | 31 | 30 | 37 | 49 | 44 | 34 | 23 | 21 | 20 | 28 | 29 | 34 | 48 | 42 | 41 | 48 | 48 | 36 | 33.0 |
| | MIN | 18 | 12 | 16 | 10 | 12 | 24 | 22 | 9 | 1 | 4 | 12 | 20 | 20 | 17 | 9 | 6 | 26 | 34 | 11 | 3 | 12 | 2 | 1 | 10 | 19 | 29 | 21 | 29 | 35 | 30 | 16 | 15.8 |
| ELIZABETH | MAX | 31 | 30 | 35 | 33 | 33 | 35 | 34 | 24 | 13 | 32 | 29 | 28 | 35 | 30 | 29 | 35 | 46 | 42 | 33 | 28 | 22 | 20 | 28 | 28 | 35 | 46 | 40 | 40 | 48 | 46 | 38 | 33.1 |
| | MIN | 24 | 14 | 19 | 17 | 17 | 28 | 21 | 8 | 1 | 5 | 22 | 14 | 20 | 20 | 9 | 11 | 32 | 32 | 10 | 12 | 10 | 0 | 2 | 10 | 18 | 28 | 34 | 28 | 34 | 27 | 22 | 17.7 |
| ESSEX FELLS SERV BLDG | MAX | 33 | 23 | 27 | 29 | 30 | 32 | 34 | 23 | 15 | 25 | 29 | 30 | 31 | 35 | 23 | 26 | 38 | 46 | 36 | 25 | 21 | 18 | 18 | 23 | 26 | 40 | 45 | 34 | 44 | 47 | 36 | 30.4 |
| | MIN | 14 | 9 | 13 | 10 | 7 | 20 | 19 | 8 | -2 | 1 | 11 | 17 | 12 | 12 | 5 | 7 | 23 | 33 | 9 | 2 | 10 | -2 | -2 | 5 | 14 | 20 | 18 | 22 | 31 | 32 | 12 | 12.6 |
| FLEMINGTON 1 NE | MAX | 32 | 25 | 28 | 32 | 26 | 32 | 33 | 25 | 11 | 13 | 27 | 27 | 25 | 31 | 22 | 25 | 37 | 49 | 40 | 22 | 20 | 15 | 17 | 25 | 24 | 31 | 45 | 36 | 38 | 48 | 39 | 29.0 |
| | MIN | 12 | 11 | 11 | 3 | 5 | 8 | 20 | 9 | -10 | -2 | 9 | 9 | 0 | 4 | 5 | 3 | 4 | 28 | 6 | -1 | 4 | -1 | -9 | -3 | 4 | 21 | 21 | 25 | 31 | 38 | 14 | 9.0 |
| HIGH POINT PARK | MAX | 25 | 22 | 24 | 26 | 25 | 30 | 30 | 20 | 9 | 23 | 23 | 26 | 22 | 28 | 16 | 22 | 40 | 44 | 34 | 16 | 16 | 10 | 13 | 13 | 21 | 37 | 39 | 31 | 40 | 46 | 32 | 25.9 |
| | MIN | 7 | 5 | 6 | 9 | 7 | 13 | 12 | 4 | -6 | -7 | -4 | 12 | 14 | 1 | 2 | 3 | 11 | 32 | 3 | -3 | -1 | -8 | -5 | 5 | 7 | 18 | 14 | 17 | 27 | 25 | 9 | 7.4 |
| JERSEY CITY | MAX | 31 | 27 | 35 | 31 | 35 | 34 | 28 | 19 | 15 | 28 | 29 | 28 | 35 | 24 | 28 | 36 | 46 | 42 | 24 | 21 | 21 | 19 | 28 | 27 | 36 | 46 | 45 | 40 | 48 | 45 | 35 | 31.8 |
| | MIN | 20 | 18 | 23 | 20 | 18 | 26 | 19 | 5 | 2 | 8 | 18 | 19 | 21 | 14 | 11 | 15 | 32 | 20 | 17 | 12 | 5 | 5 | 9 | 16 | 21 | 33 | 26 | 29 | 39 | 22 | 22 | 18.3 |
| LAMBERTVILLE | MAX | 32 | 31 | 33 | 31 | 37 | 35 | 32 | 22 | 12 | 28 | 28 | 26 | 33 | 28 | 28 | 39 | 52 | 42 | 31 | 23 | 20 | 20 | 29 | 28 | 34 | 47 | 39 | 39 | 50 | 45 | 38 | 32.6 |
| | MIN | 18 | 13 | 18 | 7 | 8 | 22 | 20 | 6 | 2 | 4 | 10 | 20 | 17 | 17 | 7 | 7 | 22 | 30 | 10 | 5 | 11 | 4 | -1 | 5 | 19 | 22 | 21 | 30 | 35 | 27 | 15 | 14.5 |
| LAYTON 2 | MAX | 29 | 24 | 26 | 24 | 27 | 30 | 32 | 24 | 13 | 22 | 26 | 30 | 24 | 31 | 21 | 25 | 33 | 42 | 38 | 21 | 20 | 13 | 16 | 20 | 25 | 32 | 42 | 35 | 40 | 42 | 32 | 27.7 |
| | MIN | 6 | 0 | -1 | 4 | -3 | -3 | 16 | -1 | -17 | -16 | 4 | 10 | 6 | 7 | -6 | -4 | -2 | 26 | 0 | -11 | -11 | -4 | -11 | -10 | 10 | 21 | 22 | 24 | 25 | 31 | 4 | 3.7 |
| LITTLE FALLS | MAX | 33 | 26 | 29 | 32 | 30 | 33 | 36 | 25 | 16 | 16 | 30 | 31 | 27 | 34 | 24 | 28 | 40 | 47 | 38 | 24 | 22 | 19 | 19 | 25 | 26 | 39 | 47 | 35 | 45 | 50 | 38 | 31.1 |
| | MIN | 16 | 13 | 16 | 11 | 12 | 20 | 21 | 12 | 1 | 4 | 14 | 20 | 18 | 16 | 8 | 9 | 15 | 35 | 10 | 5 | 8 | 3 | -1 | 7 | 18 | 22 | 21 | 24 | 30 | 35 | 16 | 14.8 |
| LONG VALLEY | MAX | 31 | 23 | 27 | 30 | 29 | 32 | 33 | 23 | 12 | 17 | 29 | 26 | 27 | 31 | 24 | 27 | 38 | 45 | 38 | 21 | 20 | 15 | 17 | 22 | 30 | 38 | 43 | 34 | 40 | 45 | 32 | 29.0 |
| | MIN | 12 | 7 | 10 | 14 | 1 | 17 | 17 | 6 | -4 | -1 | 9 | 14 | 10 | 10 | 5 | 5 | 16 | 33 | 7 | -3 | 5 | -4 | -8 | 2 | 14 | 27 | 21 | 21 | 20 | 29 | 7 | 10.3 |
| MORRIS PLAINS 1 W | MAX | 32 | 22 | 29 | 31 | 31 | 32 | 35 | 24 | 15 | 14 | 29 | 29 | 26 | 34 | 23 | 28 | 37 | 46 | 41 | 25 | 22 | 17 | 18 | 24 | 27 | 34 | 45 | 35 | 45 | 49 | 37 | 30.2 |
| | MIN | 13 | 12 | 11 | 13 | 5 | 8 | 19 | 10 | -1 | -3 | 2 | 11 | 12 | 15 | 7 | 8 | 18 | 31 | 7 | 0 | 1 | -7 | -5 | -1 | 12 | 20 | 17 | 18 | 24 | 36 | 10 | 10.4 |
| NEWARK WB AIRPORT | MAX | 27 | 28 | 35 | 30 | 31 | 35 | 25 | 21 | 13 | 29 | 28 | 28 | 32 | 23 | 28 | 36 | 45 | 39 | 25 | 23 | 20 | 20 | 28 | 27 | 35 | 45 | 35 | 40 | 48 | 45 | 35 | 30.9 |
| | MIN | 20 | 17 | 23 | 17 | 15 | 24 | 19 | 3 | 2 | 5 | 16 | 20 | 17 | 14 | 11 | 15 | 30 | 21 | 14 | 14 | 7 | 5 | 7 | 16 | 22 | 32 | 27 | 30 | 37 | 22 | 19 | 17.5 |
| NEWTON | MAX | 33 | 22 | 25 | 28 | 28 | 31 | 33 | 23 | 13 | 14 | 26 | 29 | 24 | 32 | 20 | 25 | 34 | 43 | 38 | 21 | 20 | 14 | 15 | 22 | 24 | 33 | 43 | 34 | 42 | 46 | 33 | 28.0 |
| | MIN | 11 | 3 | 4 | 5 | -4 | 11 | 16 | -2 | -4 | -4 | 6 | 14 | 6 | 12 | 4 | 6 | 10 | 28 | 6 | -9 | -9 | -1 | -12 | -7 | 10 | 19 | 21 | 23 | 28 | 31 | -3 | 7.1 |
| PATERSON | MAX | 33 | 24 | 30 | 32 | 30 | 34 | 35 | 25 | 18 | 15 | 31 | 31 | 28 | 34 | 25 | 27 | 34 | 47 | 38 | 26 | 23 | 20 | 19 | 26 | 26 | 39 | 46 | 37 | 46 | 50 | 36 | 31.1 |
| | MIN | 16 | 15 | 16 | 16 | 15 | 17 | 21 | 15 | 2 | 3 | 9 | 17 | 18 | 16 | 9 | 10 | 13 | 34 | 9 | 9 | 12 | 4 | -6 | 3 | 16 | 25 | 25 | 27 | 31 | 35 | 17 | 15.1 |
| PHILLIPSBURG | MAX | 32 | 27 | 30 | 31 | 30 | 34 | 35 | 26 | 11 | 13 | 30 | 25 | 27 | 36 | 27 | 29 | 37 | 47 | 40 | 23 | 23 | 18 | 20 | 23 | 28 | 32 | 44 | 37 | 39 | 44 | 38 | 30.2 |
| | MIN | 14 | 11 | 11 | 11 | 2 | 4 | 19 | 9 | 0 | 0 | 10 | 15 | 11 | 16 | 8 | 5 | 6 | 26 | 10 | 0 | 1 | 3 | -3 | -2 | 10 | 22 | 22 | 21 | 29 | 36 | 13 | 11.0 |
| PLAINFIELD | MAX | 27 | 28 | 33 | 30 | 32 | 35 | 26 | 21 | 12 | 29 | 28 | 28 | 33 | 24 | 28 | 36 | 47 | 41 | 34 | 23 | 19 | 19 | 28 | 27 | 35 | 46 | 36 | 41 | 47 | 39 | 36 | 31.2 |
| | MIN | 18 | 15 | 17 | 12 | 13 | 23 | 21 | 11 | 0 | 4 | 11 | 18 | 14 | 16 | 9 | 9 | 26 | 34 | 10 | 5 | 11 | 1 | 0 | 13 | 17 | 29 | 22 | 28 | 34 | 36 | 15 | 15.9 |
| SOMERVILLE | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUSSEX 1 SE | MAX | 26 | 19 | 27 | 22 | 30 | 30 | 33 | 23 | 15 | 12 | 28 | 29 | 23 | 31 | 20 | 23 | 33 | 43 | 35 | 20 | 20 | 15 | 27 | 20 | 27 | 34 | 43 | 33 | 41 | 45 | 34 | 27.8 |
| | MIN | 2 | 2 | 0 | -2 | -15 | -12 | 12 | -4 | -12 | -12 | 8 | 8 | 0 | 5 | 0 | -6 | -5 | 21 | -2 | -12 | -12 | -5 | -15 | -12 | -10 | 17 | 12 | 12 | 25 | 29 | 2 | .6 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 35 | 37 | 43 | 32 | 40 | 40 | 35 | 24 | 12 | 27 | 29 | 34 | 33 | 27 | 30 | 39 | 47 | 48 | 29 | 27 | 23 | 20 | 30 | 28 | 40 | 51 | 37 | 44 | 60 | 49 | 40 | 35.2 |
| | MIN | 28 | 22 | 22 | 20 | 15 | 29 | 21 | 5 | 4 | 6 | 16 | 23 | 17 | 8 | 6 | 10 | 29 | 28 | 16 | 14 | 11 | 6 | 3 | 15 | 24 | 35 | 29 | 27 | 43 | 25 | 17 | 18.5 |
| AUDUBON | MAX | 31 | 35 | 38 | 30 | 38 | 38 | 30 | 25 | 12 | 29 | 28 | 30 | 33 | 29 | 31 | 39 | 50 | 43 | 28 | 25 | 22 | 21 | 30 | 29 | 37 | 50 | 38 | 45 | 54 | 50 | 40 | 34.1 |
| | MIN | 23 | 19 | 26 | 21 | 17 | 27 | 22 | 5 | 3 | 5 | 15 | 21 | 20 | 20 | 14 | 13 | 23 | 27 | 15 | 15 | 10 | 7 | 8 | 17 | 23 | 32 | 28 | 24 | 36 | 25 | 19 | 18.7 |
| BELLEPLAIN ST FOREST | MAX | 40 | 38 | 43 | 35 | 39 | 39 | 36 | 24 | 16 | 29 | 31 | 35 | 35 | 31 | 31 | 39 | 49 | 49 | 36 | 28 | 25 | 21 | 28 | 30 | 42 | 55 | | 46 | 60 | 55 | 39 | 36.8 |
| | MIN | 27 | 17 | 20 | 19 | 7 | 25 | 22 | 8 | 2 | 3 | 13 | 20 | 17 | 10 | 1 | 4 | 22 | 35 | 14 | 10 | 9 | -1 | -5 | 13 | 19 | | 18 | 22 | 38 | 33 | 14 | 15.2 |
| BURLINGTON | MAX | 38 | 36 | 34 | 36 | 37 | 37 | 38 | 21 | 14 | 26 | 33 | 28 | 32 | 30 | 30 | 37 | 46 | 44 | 37 | 24 | 22 | 22 | 29 | 28 | 43 | 47 | 43 | 41 | 53 | 52 | 39 | 34.7 |
| | MIN | 27 | 27 | 31 | 26 | 20 | 21 | 20 | 8 | 3 | 6 | 15 | 20 | 22 | 23 | 24 | 26 | 31 | 34 | 20 | 21 | 15 | 5 | 9 | 23 | 24 | 36 | 28 | 27 | 38 | 27 | 22 | 21.9 |
| CHATSWORTH | MAX | 36 | 34 | 41 | 36 | 39 | 38 | 36 | 22 | 12 | 28 | 28 | 32 | 34 | 35 | 29 | 41 | 55 | 50 | 35 | 26 | 24 | 19 | 29 | 29 | 40 | 52 | 43 | 46 | 58 | 56 | 39 | 36.2 |
| | MIN | 22 | 17 | 17 | 17 | 10 | 20 | 22 | 7 | -2 | -2 | 9 | 18 | 4 | 14 | -1 | 2 | 19 | 34 | 11 | 7 | 9 | 4 | -7 | 9 | 16 | 29 | 20 | 17 | 37 | 30 | 9 | 13.5 |
| FREEHOLD | MAX | 33 | 26 | 28 | 36 | 30 | 34 | 34 | 25 | 12 | 11 | 27 | 27 | 30 | 33 | 19 | 26 | 36 | 47 | 39 | 26 | 23 | 17 | 17 | 27 | 27 | 35 | 46 | 37 | 48 | 52 | 38 | 30.5 |
| | MIN | 19 | 13 | 14 | 16 | 13 | 16 | 21 | 11 | 0 | 2 | 10 | 15 | 18 | 11 | 6 | 10 | 15 | 30 | 12 | 9 | 10 | 2 | -1 | 10 | 12 | 24 | 22 | 25 | 30 | 38 | 16 | 14.5 |
| GLASSBORO | MAX | 39 | 34 | 36 | 41 | 32 | 37 | 38 | 30 | 10 | 11 | 21 | 28 | 32 | 33 | 33 | 28 | 40 | 52 | 46 | 26 | 28 | 17 | 17 | 30 | 30 | 44 | 50 | 37 | 52 | 50 | 41 | 33.6 |
| | MIN | 22 | 18 | 16 | 16 | 19 | 26 | 22 | 4 | 1 | 0 | 9 | 14 | 14 | 15 | 10 | 7 | 14 | 23 | 14 | 10 | 9 | 6 | 7 | 12 | 16 | 30 | 28 | 21 | 27 | 33 | 20 | 15.6 |
| HAMMONTON 2 NNE | MAX | 40 | 34 | 37 | 40 | 32 | 41 | 29 | 25 | 12 | 16 | 25 | 31 | 35 | 36 | 31 | 34 | 40 | 52 | 45 | 29 | 26 | 21 | 23 | 29 | 33 | 45 | 54 | 38 | 53 | 57 | 40 | 34.9 |
| | MIN | 23 | 17 | 20 | 17 | 15 | 18 | 22 | 8 | 1 | 1 | 11 | 15 | 14 | 12 | 8 | 10 | 12 | 32 | 13 | 12 | 9 | 3 | 5 | 12 | 15 | 32 | 27 | 23 | 25 | 38 | 17 | 15.7 |
| HIGHTSTOWN 1 N | MAX | 31 | 28 | 36 | 31 | 34 | 35 | 33 | 20 | 9 | 26 | 26 | 27 | 32 | 26 | 25 | 37 | 47 | 44 | 33 | 24 | 21 | 17 | 28 | 27 | 35 | 45 | 40 | 42 | 51 | 50 | 37 | 32.2 |
| | MIN | 18 | 13 | 19 | 15 | 13 | 25 | 20 | 6 | 0 | 2 | 13 | 19 | 15 | 17 | 6 | 10 | 23 | 33 | 11 | 8 | 11 | 2 | 2 | 12 | 17 | 28 | 23 | 25 | 36 | 27 | 15 | 15.6 |
| INDIAN MILLS 2 W | MAX | 36 | 33 | 40 | 31 | 38 | 38 | 34 | 21 | 11 | 27 | 28 | 31 | 32 | 26 | 28 | 40 | 54 | 45 | 33 | 25 | 22 | 18 | 28 | 25 | 37 | 51 | 42 | 44 | 57 | 54 | 38 | 34.4 |
| | MIN | 23 | 13 | 18 | 16 | 9 | 22 | 17 | 6 | -1 | 1 | 10 | 17 | 15 | 18 | 2 | 5 | 24 | 33 | 13 | 7 | 10 | 4 | -2 | 13 | 18 | 34 | 24 | 19 | 37 | 29 | 11 | 15.0 |
| MILLVILLE | MAX | 42 | 32 | 38 | 42 | 30 | 41 | 40 | 26 | 15 | 15 | 28 | 30 | 35 | 35 | 28 | 31 | 40 | 50 | 49 | 29 | 28 | 19 | 21 | 30 | 32 | 45 | 53 | 40 | 57 | 58 | 39 | 35.4 |
| | MIN | 26 | 20 | 20 | 18 | 12 | 24 | 23 | 4 | -2 | -5 | 5 | 18 | 20 | 12 | 6 | 5 | 16 | 34 | 13 | 8 | 4 | 10 | 0 | 12 | 18 | 31 | 25 | 21 | 28 | 38 | 15 | 15.5 |
| MILLVILLE FAA AIRPORT | MAX | 32 | 37 | 40 | 29 | 40 | 39 | 31 | 22 | 12 | 28 | 29 | 34 | 33 | 28 | 29 | 37 | 47 | 47 | 27 | 27 | 18 | 20 | 29 | 27 | 41 | 52 | 38 | 46 | 57 | 46 | 39 | 34.2 |
| | MIN | 23 | 19 | 21 | 17 | 10 | 25 | 21 | 5 | 4 | 4 | 15 | 23 | 21 | 5 | 13 | 4 | 25 | 27 | 15 | 10 | 9 | 1 | 1 | 11 | 25 | 34 | 29 | 24 | 41 | 26 | 15 | 16.9 |
| MOORESTOWN | MAX | | 37 | 35 | 34 | 37 | 38 | 37 | 24 | 9 | 24 | 25 | 28 | 31 | 32 | 24 | 35 | 41 | 47 | 39 | 25 | 23 | 17 | 29 | 27 | 32 | 48 | 49 | 49 | 55 | 54 | 35 | 34.0 |
| | MIN | | 16 | 22 | 17 | 13 | 23 | 21 | 5 | 2 | 4 | 14 | 19 | 20 | 18 | 11 | 9 | 27 | 34 | 11 | 9 | 9 | 5 | 11 | 14 | 19 | 28 | 24 | 19 | 33 | 34 | 17 | 16.9 |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

Continued

| Station | | Day of Month 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | MAX | 33 | 24 | 25 | 34 | 29 | 32 | 36 | 24 | 11 | 13 | 27 | 26 | 27 | 33 | 23 | 25 | 36 | 47 | 41 | 23 | 23 | 17 | 18 | 27 | 25 | 34 | 45 | 36 | 43 | 50 | 37 | 29.8 |
| | MIN | 19 | 13 | 15 | 16 | 14 | 17 | 20 | 10 | 1 | 2 | 11 | 19 | 18 | 17 | 7 | 11 | 17 | 32 | 12 | 10 | 11 | 4 | 4 | 8 | 15 | 24 | 24 | 25 | 31 | 36 | 16 | 15.5 |
| PEMBERTON 3 E | MAX | 33 | 34 | 41 | 35 | 38 | 35 | 29 | 23 | 10 | 25 | 28 | 32 | 32 | 25 | 27 | 40 | 51 | 45 | 35 | 24 | 21 | 18 | 29 | 27 | 36 | 49 | 40 | 44 | 55 | 38 | 41 | 33.5 |
| | MIN | 22 | 16 | 19 | 14 | 12 | 21 | 22 | 6 | 1 | 2 | 7 | 19 | 10 | 15 | 2 | 5 | 21 | 35 | 11 | 8 | 10 | 3 | -2 | 8 | 15 | 28 | 19 | 19 | 35 | 37 | 13 | 14.6 |
| SEABROOK FARMS | MAX | 40 | 30 | 36 | 39 | 30 | 40 | 38 | 24 | 11 | 10 | 26 | 28 | 34 | 31 | 25 | 28 | 37 | 49 | 46 | 26 | 25 | 17 | 19 | 29 | 32 | 44 | 52 | 38 | 53 | 55 | 38 | 33.2 |
| | MIN | 25 | 19 | 20 | 14 | 14 | 21 | 23 | 5 | 2 | 2 | 10 | 16 | 17 | 13 | 7 | 6 | 10 | 27 | 15 | 12 | 9 | 6 | 5 | 15 | 17 | 32 | 28 | 23 | 28 | 37 | 18 | 16.0 |
| SHILOH | MAX | 38 | 37 | 38 | 28 | 40 | 38 | 36 | 23 | 11 | 27 | 28 | 33 | 33 | 30 | 29 | 37 | 50 | 46 | 34 | 25 | 21 | 20 | 28 | 28 | 42 | 52 | 44 | 46 | 55 | 52 | 40 | 35.1 |
| | MIN | 24 | 19 | 23 | 18 | 15 | 27 | 22 | 7 | 2 | 3 | 11 | 20 | 20 | 17 | 11 | 11 | 23 | 34 | 14 | 12 | 8 | 6 | 7 | 15 | 19 | 36 | 27 | 24 | 34 | 32 | 18 | 18.0 |
| TOMS RIVER | MAX | 38 | 32 | 32 | 40 | 30 | 39 | 38 | 27 | 14 | 12 | 27 | 30 | 35 | 33 | 25 | 26 | 40 | 56 | 46 | 28 | 25 | 19 | 15 | 29 | 30 | 44 | 50 | 38 | 51 | 57 | 40 | 33.7 |
| | MIN | 22 | 18 | 17 | 18 | 12 | 13 | 21 | 11 | 2 | 2 | 11 | 10 | 15 | 16 | 5 | 7 | 7 | 33 | 13 | 10 | 10 | 2 | -2 | 0 | 10 | 28 | 22 | 22 | 28 | 40 | 15 | 14.1 |
| TRENTON WB CITY | MAX | 31 | 30 | 35 | 27 | 36 | 35 | 28 | 24 | 12 | 28 | 27 | 28 | 32 | 25 | 26 | 37 | 48 | 41 | 25 | 24 | 20 | 18 | 29 | 24 | 36 | 46 | 36 | 40 | 52 | 46 | 37 | 31.7 |
| | MIN | 21 | 18 | 26 | 19 | 18 | 28 | 22 | 4 | 4 | 8 | 19 | 22 | 22 | 18 | 12 | 17 | 29 | 25 | 14 | 13 | 12 | 6 | 10 | 17 | 23 | 30 | 27 | 31 | 40 | 22 | 18 | 19.2 |
| TUCKERTON | MAX | 38 | 36 | 43 | 34 | 40 | 39 | 36 | 21 | 11 | 27 | 32 | 35 | 35 | 29 | 31 | 39 | 53 | 50 | 34 | 27 | 24 | 20 | 28 | 29 | 39 | 54 | 43 | 37 | 54 | 51 | 39 | 35.7 |
| | MIN | 24 | 17 | 18 | 17 | 12 | 27 | 20 | 5 | 0 | 2 | 13 | 21 | 13 | 15 | 5 | 7 | 25 | 33 | 13 | 9 | 9 | 2 | -4 | 12 | 19 | 29 | 23 | 20 | 35 | 28 | 14 | 15.6 |
| WOODSTOWN | MAX | 38 | 37 | 38 | 33 | 38 | 38 | 37 | 23 | 14 | 28 | 28 | 31 | 34 | 34 | 29 | 37 | 49 | 47 | 47 | 25 | 21 | 19 | 29 | 27 | 38 | 51 | 42 | 46 | 55 | 54 | 39 | 35.7 |
| | MIN | 23 | 17 | 22 | 18 | 14 | 26 | 22 | 6 | 2 | 2 | 12 | 20 | 12 | 6 | 6 | 7 | 20 | 33 | 13 | 14 | 8 | 6 | 7 | 13 | 20 | 34 | 28 | 23 | 36 | 33 | 16 | 16.7 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 35 | 37 | 43 | 32 | 40 | 40 | 35 | 25 | 15 | 28 | 30 | 35 | 34 | 29 | 32 | 37 | 48 | 48 | 30 | 29 | 25 | 21 | 30 | 30 | 43 | 53 | 37 | 44 | 55 | 51 | 39 | 35.8 |
| | MIN | 28 | 24 | 30 | 23 | 22 | 34 | 24 | 9 | 9 | 10 | 19 | 27 | 23 | 19 | 16 | 20 | 34 | 29 | 20 | 19 | 15 | 11 | 17 | 20 | 28 | 36 | 30 | 31 | 43 | 27 | 22 | 23.2 |
| CAPE MAY 1 NW | MAX | 43 | 40 | 35 | 44 | 30 | 42 | 38 | 28 | 15 | 15 | 26 | 31 | 34 | 31 | 27 | 27 | 36 | 45 | 43 | 27 | 27 | 26 | 22 | 29 | 32 | 44 | 49 | 37 | 44 | 56 | 40 | 34.3 |
| | MIN | 29 | 25 | 25 | 24 | 24 | 25 | 26 | 13 | 7 | 8 | 13 | 18 | 25 | 24 | 15 | 13 | 10 | 33 | 17 | 15 | 10 | 10 | 8 | 18 | 19 | 31 | 29 | 27 | 30 | 38 | 23 | 20.4 |
| LONG BRANCH 2S | MAX | 31 | 26 | 38 | 32 | 37 | 35 | 34 | 19 | 12 | 28 | 29 | 31 | 34 | 27 | 27 | 40 | 53 | 45 | 33 | 23 | 23 | 19 | 26 | 29 | 36 | 48 | 38 | 37 | 53 | 52 | 36 | 33.3 |
| | MIN | 22 | 16 | 21 | 19 | 16 | 26 | 19 | 7 | 1 | 4 | 14 | 20 | 19 | 16 | 7 | 10 | 29 | 33 | 15 | 12 | 11 | 3 | 1 | 10 | 19 | 32 | 23 | 29 | 37 | 29 | 16 | 17.3 |
| SANDY HOOK | MAX | 33 | 26 | 35 | 33 | 37 | 35 | 35 | 24 | 13 | 26 | 26 | 28 | 29 | 28 | 26 | 31 | 39 | 39 | 34 | 22 | 21 | 20 | 25 | 27 | 31 | 38 | 36 | 34 | 46 | 46 | 34 | 30.9 |
| | MIN | 25 | 24 | 25 | 25 | 20 | 30 | 23 | 12 | 9 | 10 | 17 | 20 | 22 | 21 | 12 | 18 | 29 | 34 | 20 | 19 | 13 | 8 | 9 | 17 | 19 | 31 | 27 | 29 | 34 | 33 | 21 | 21.2 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | Day of month 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | 0 | MAX | 35 | 34 | 35 | 34 | 35 | 36 | 36 | 36 | 33 | 33 | 32 | 33 | 33 | 32 | 32 | 32 | 34 | 35 | 32 | 32 | 32 | 31 | 29 | 28 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 33.3 |
| | | MIN | 34 | 33 | 33 | 33 | 33 | 33 | 36 | 32 | 30 | 30 | 30 | 31 | 32 | 30 | 29 | 29 | 31 | 32 | 27 | 26 | 27 | 27 | 26 | 26 | 28 | 34 | 31 | 33 | 34 | 34 | 32 | 30.8 |
| | 2 | MAX | 36 | 35 | 35 | 35 | 35 | 36 | 37 | 37 | 34 | 34 | 33 | 34 | 33 | 33 | 33 | 33 | 34 | 35 | 33 | 32 | 33 | 31 | 30 | 29 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 33.8 |
| | | MIN | 35 | 34 | 34 | 34 | 34 | 34 | 36 | 33 | 32 | 32 | 32 | 32 | 32 | 31 | 31 | 30 | 32 | 33 | 30 | 29 | 29 | 29 | 28 | 28 | 29 | 34 | 32 | 33 | 34 | 34 | 32 | 32.0 |
| | 4 | MAX | 36 | 36 | 35 | 35 | 35 | 35 | 35 | 37 | 35 | 34 | 34 | 34 | 35 | 34 | 34 | 33 | 34 | 34 | 34 | 33 | 33 | 33 | 33 | 32 | 31 | 33 | 34 | 33 | 35 | 34 | 34 | 34.1 |
| | | MIN | 35 | 35 | 34 | 34 | 34 | 34 | 34 | 35 | 33 | 33 | 34 | 33 | 34 | 33 | 33 | 33 | 33 | 34 | 33 | 32 | 32 | 31 | 31 | 31 | 30 | 30 | 33 | 33 | 33 | 34 | 32 | 33.0 |
| | 8 | MAX | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 39 | 36 | 36 | 36 | 36 | 36 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | 34 | 35.5 |
| | | MIN | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 37 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 34 | 33 | 34.5 |
| | 20 | MAX | 40 | 40 | 39 | 40 | 41 | 42 | 42 | 42 | 39 | 39 | 39 | 39 | 39 | 38 | 38 | 38 | 38 | 38 | 37 | 38 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 36 | 36 | 36 | 38.4 |
| | | MIN | 40 | 39 | 39 | 39 | 39 | 39 | 41 | 39 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 37.6 |
| | 40 | MAX | 44 | 43 | 43 | 43 | 44 | 45 | 45 | 45 | 42 | 42 | 42 | 42 | 42 | 41 | 41 | 41 | 41 | 41 | 41 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 39 | 39 | 39 | 41.5 |
| | | MIN | 43 | 42 | 42 | 42 | 42 | 43 | 45 | 42 | 42 | 42 | 42 | 42 | 41 | 41 | 41 | 41 | 41 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 39 | 39 | 39 | 39 | 39 | 40.9 |
| SUB-STA 2 | 1 | MAX | 34 | 33 | 34 | 34 | 35 | 36 | 37 | 37 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 34 | 34 | 34 | 33 | 33 | 32 | 34 | 34 | 34 | 35 | 35 | 34 | 34 | 34.2 |
| | | MIN | 32 | 28 | 30 | 30 | 32 | 33 | 36 | 33 | 32 | 32 | 33 | 33 | 34 | 34 | 33 | 33 | 33 | 34 | 34 | 33 | 33 | 33 | 32 | 32 | 32 | 34 | 34 | 34 | 34 | 34 | 34 | 32.8 |
| | 2 | MAX | 34 | 33 | 34 | 34 | 35 | 36 | 37 | 37 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 34 | 34 | 34 | 33 | 33 | 32 | 34 | 34 | 34 | 35 | 35 | 34 | 34 | 34.2 |
| | | MIN | 32 | 29 | 30 | 30 | 32 | 33 | 36 | 33 | 32 | 33 | 33 | 33 | 34 | 34 | 33 | 33 | 33 | 34 | 34 | 33 | 33 | 33 | 32 | 32 | 32 | 34 | 34 | 34 | 34 | 34 | 34 | 32.9 |
| | 4 | MAX | 34 | 35 | 34 | 34 | 35 | 36 | 37 | 36 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 34 | 34 | 34 | 34 | 33 | 33 | 34 | 34 | 34 | 35 | 35 | 34 | 34 | 34.3 |
| | | MIN | 33 | 34 | 33 | 33 | 34 | 34 | 36 | 34 | 33 | 33 | 33 | 33 | 34 | 34 | 33 | 33 | 33 | 34 | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 33.5 |
| | 8 | MAX | 36 | 36 | 35 | 35 | 36 | 38 | 38 | 37 | 35 | 36 | 35 | 35 | 35 | 35 | 36 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 34 | 35 | 35 | 35 | 35 | 35 | 34 | 34 | 35.3 |
| | | MIN | 35 | 35 | 34 | 34 | 35 | 35 | 37 | 35 | 34 | 35 | 33 | 34 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 34 | 34 | 34 | 34 | 34 | 34.5 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STATION 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STATION 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# SNOWFALL AND SNOW ON GROUND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | T | | | 2.0 | | | 2.0 | T | T | | | 1.5 | T | | | | | | | | .4 | | | T | T | T | | .3 | | | |
| | SN ON GND | 8 | 8 | 8 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 5 | - |
| CHARLOTTEBURG | SNOWFALL | | | | 2.0 | | | 1.5 | | | | | 1.0 | T | | | | | | | | 1.5 | | | T | T | | | T | | | |
| | SN ON GND | 10 | 10 | 10 | 12 | 12 | 12 | 13 | 13 | 13 | 12 | 12 | 13 | 13 | 12 | 12 | 12 | 11 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 10 | 10 | 9 | 8 | 8 |
| FLEMINGTON 1 NE | SNOWFALL | | | | 1.5 | | | 4.0 | T | | | | 2.5 | | | | | | | | | 3.0 | | | | T | | | 1.0 | | | |
| | SN ON GND | 6 | 6 | 6 | 8 | 8 | 8 | 11 | 11 | 11 | 11 | 11 | 14 | 14 | 14 | 14 | 14 | 14 | 8 | 6 | 6 | 9 | 9 | 9 | 9 | 9 | 9 | 7 | 6 | 3 | T | T |
| LAMBERTVILLE | SNOWFALL | | | 1.0 | | | | 4.0 | T | | | | 2.0 | | | | | | | | T | 2.0 | | | | T | | T | | | | |
| | SN ON GND | 3 | 3 | 4 | 4 | 4 | 4 | 8 | 8 | 8 | 7 | 7 | 8 | 6 | 8 | 7 | 6 | 4 | 3 | 3 | 3 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 2 | 1 | 1 | 1 |
| LITTLE FALLS | SNOWFALL | | | T | .7 | | | 2.0 | | .1 | | | 1.5 | .1 | | | | | | | | 2.6 | | | .1 | .3 | | | .1 | | | |
| | SN ON GND | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 8 | 8 | 8 | 8 | 5 | 5 | 5 | 8 | 8 | 8 | 7 | 7 | 7 | 6 | 5 | 5 | 3 | 2 |
| LONG VALLEY | SNOWPALL | | | | 2.0 | | | 2.0 | | | | | 2.0 | | | | | | | | | 1.0 | | | T | | | | 1.0 | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MORRIS PLAINS 1 W | SNOWFALL | T | | T | 2.0 | | T | 2.0 | T | | | | 1.0 | .5 | | | | | | | | 2.0 | | | T | | T | | T | | | |
| | SN ON GND | 8 | 7 | 6 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 9 | 8 | 8 | 8 | 6 | 5 | 5 | 7 | 7 | 7 | 6 | 5 | 4 | 4 | 3 | 3 | | |
| NEWARK WB AIRPORT | SNOWFALL | | | .3 | | | .8 | 1.9 | .1 | | T | | 1.9 | | | | | | | | 3.3 | .4 | | .1 | | .2 | | .1 | | | | |
| | SN ON GND | 2 | 2 | 2 | 2 | 2 | 2 | 5 | 5 | 5 | 4 | 4 | 5 | 6 | 5 | 5 | 5 | 4 | 2 | 2 | 2 | 6 | 6 | 5 | 4 | 4 | 3 | 2 | 2 | 1 | T | T |
| | WTR EQUIV | .8 | .7 | .4 | .5 | .4 | .3 | .5 | .5 | .5 | .4 | .4 | .5 | .5 | .5 | .5 | .5 | .4 | .3 | .3 | .2 | .6 | .5 | .5 | .5 | .4 | .4 | .3 | .2 | | | |
| NEWTON | SNOWFALL | .2 | | T | 2.2 | | | .5 | T | T | | | 1.2 | .3 | | | | | | | | 1.2 | | | T | .8 | | | .3 | | | |
| | SN ON GND | 10 | 10 | 10 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | 13 | 13 | 12 | 12 | 12 | 12 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 11 | 11 | 10 | 8 | 8 |
| PATERSON | SNOWFALL | .2 | | | 1.7 | | | 2.9 | T | .1 | | | 1.9 | .1 | | | | | | | | 2.8 | | | T | .6 | | | T | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PHILLIPSBURG | SNOWFALL | | | | 4.0 | | | 3.0 | | | | | 3.0 | | | | | | | | | 1.0 | | | | | | | T | | | |
| | SN ON GND | 6 | 5 | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 11 | 11 | 10 | 9 | 8 | 8 | 7 | 7 | 7 | 8 | 8 | 8 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 5 |
| PLAINFIELD | SNOWFALL | | | .5 | | | | 4.0 | T | | | | 2.0 | | | | | | T | | T | 3.0 | | T | | .3 | | T | | | | |
| | SN ON GND | 4 | 4 | 5 | 5 | 5 | 4 | 8 | 8 | 8 | 7 | 7 | 9 | 8 | 8 | 8 | 7 | 7 | 6 | 6 | 6 | 9 | 9 | 8 | 7 | 6 | 5 | 4 | 4 | 3 | 3 | 3 |
| RAHWAY | SNOWFALL | | | | | | 2.0 | 1.0 | | | | | 1.6 | | | | | | | | 1.2 | .6 | | | | | | T | | | | |
| | SN ON GND | 2 | 1 | 1 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 2 | 4 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 3 | 3 | 2 | 1 | 1 | T | T | | | | |
| WANAQUE RAYMOND DAM | SNOWFALL | | | T | 1.5 | | | .5 | | | | | 1.5 | .5 | | | | | | | | 1.5 | | | | T | | | | | | |
| | SN ON GND | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | 5 | 4 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | SNOWFALL | T | | T | | | 1.8 | 3.4 | T | | | | .9 | | | | | | | | 2.9 | 1.3 | | T | | T | | T | | | | |
| | SN ON GND | | | | | | | 4 | 5 | 5 | 5 | 3 | 3 | 2 | 1 | 1 | 1 | 1 | T | T | T | 4 | 3 | 1 | 1 | 1 | | | | | | |
| | WTR EQUIV | | | | | | | .3 | .3 | .3 | .3 | .2 | .3 | .2 | | | | | | | | .4 | .3 | | | | | | | | | |
| BASS RIVER ST FOREST | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| FREEHOLD | SNOWFALL | | | | .5 | | | 4.3 | .5 | T | | | 1.0 | | | | | | T | | | 4.6 | | | | T | T | | T | | T | |
| | SN ON GND | 1 | 1 | - | 1 | 1 | - | 5 | 6 | 6 | 6 | 5 | 6 | 5 | 4 | 4 | 3 | 2 | T | T | T | 5 | 4 | 3 | 2 | 1 | 1 | T | T | T | T | T |
| HIGHTSTOWN 1 N | SNOWFALL | | | T | | | | 5.0 | T | | | | 1.5 | | | | | | | | T | 3.0 | | | | T | | .3 | .9 | | | |
| | SN ON GND | 5 | 5 | 4 | 4 | 4 | 4 | 9 | 9 | 9 | 9 | 8 | 9 | 9 | 9 | 9 | 8 | 6 | 2 | 2 | 2 | 5 | 5 | 5 | 5 | 4 | 2 | 2 | 1 | T | T | T |
| INDIAN MILLS 2 W | SNUWFALL | | | T | T | | T | 5.6 | T | | | | .5 | | | | | | | | T | 3.8 | | T | T | | | T | .3 | | | |
| | SN ON GND | | | T | | | | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | T | | | T | 2 | 1 | 1 | 1 | T | | T | | | | |
| MAYS LANDING 1 W | SNOWFALL | | | | | | | 3.8 | .4 | | | | .5 | | | | | | | | | 2.6 | | | | | | | | | | |
| | SN ON GND | | | | | | | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | 2 | | | | 3 | 3 | 3 | 3 | 2 | | | | | | |
| MILLVILLE | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | SN ON GND | | | | T | | | 6 | 7 | - | - | - | T | | | | | | | | | 3 | - | - | | T | | | T | | | |
| MILLVILLE FAA AIRPORT | SNOWFALL | T | | T | | | 3.0 | 1.0 | T | | | T | T | | | | | | | | 1.0 | 1.0 | | T | | T | | T | | | T | |
| | SN ON GND | | | | | | | 4 | 4 | 4 | 4 | 3 | 3 | 2 | 2 | 2 | 2 | 1 | | | | 2 | 2 | 1 | 1 | 1 | | | | | | |
| MOORESTOWN | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NEW BRUNSWICK | SNOWFALL | | | T | .2 | | | 3.9 | T | T | | | 1.8 | T | | | | | | | | 2.3 | | | T | .2 | | | .4 | | | |
| | SN ON GND | 4 | 4 | 4 | 4 | 4 | 4 | 8 | 8 | 8 | 8 | 8 | 10 | 10 | 10 | 9 | 9 | 9 | 4 | 4 | 4 | 6 | 5 | 3 | 3 | 3 | 3 | 1 | 2 | 1 | T | T |
| PEMBERTON 3 E | SNOWFALL | | | | | | | 6.5 | | | | | 1.5 | | | | | | | | | 2.5 | | | | | | T | .2 | | | |
| | SN ON GND | | | | | | | - | 6 | 6 | 6 | 5 | 6 | 6 | 5 | 5 | 4 | 2 | | | | - | 2 | 2 | 1 | | | | | | | |
| SEABROOK FARMS | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| TRENTON WB CITY | SNOWFALL | | | .2 | | | 2.5 | 1.8 | .1 | | | .6 | .3 | | | | | | | | 2.5 | T | | T | | .5 | | .3 | | | | |
| | SN ON GND | 2 | 1 | 1 | 1 | 1 | 1 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 3 | 2 | 2 | 2 | 4 | 3 | 3 | 2 | 2 | 1 | T | T | T | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2S | SNOWFALL | T | | .1 | | T | T | 4.7 | T | | | | 1.5 | T | | | | | | | .7 | 5.3 | | | T | T | | .1 | .1 | | | |
| | SN ON GND | | | T | T | | | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 3 | 3 | 2 | T | T | 1 | 5 | 5 | 5 | 4 | 3 | 1 | 1 | T | | | |

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES: TEMP. | PRECIP. | EVAP. | SPECIAL | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| *ATLANTIC CITY R | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 28 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0525 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 51 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 273 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0867 | 01 | SOMERSET | 10 | 40 28 | 74 33 | 40 | | 7A | | | N BRUNSWICK WATER DPT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0975 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT H. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL H. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F DROPPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 73 | 5P | 5P | | | UNION COLLEGE |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A | | | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 133 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4730 | 01 | SUSSEX | 2 | 41 13 | 74 52 | 400 | 8A | 8A | | | ROBERT WELSH |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2S | 4987 | 02 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 350 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | C | ROBERT G. GLASGOW |
| MARLTON 1 W | 5232 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 7 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 9A | 9A | | H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 80 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT R | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6035 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 545 | 9A | 8A | | C H | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | R. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 7 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8A | 8A | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 385 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7326 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 303 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8031 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P | | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA WILLARD |
| TOMS RIVER | 8816 | 03 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| *TRENTON WB CITY R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWRENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT H. MANNERS |
| WEST WHARTON | 9408 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING.

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

  No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield

S Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may very slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

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Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-3/5/70-880

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
FEBRUARY 1970
Volume 75 No. 2

THE LIBRARY OF THE
MAY 6 1970
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 39.0 | 17.3 | 28.2 | - 3.1 | 54 | 23 | 4 | 26 | 1024 | 0 | 7 | 26 | 0 | 2.50 | - .62 | .96 | 11 | 3.0 | 5 | 1 | 5 | 1 | 0 |
| BOONTON 1 SE | 38.3 | 17.9 | 28.1 | - 1.4 | 53 | 23+ | 3 | 5 | 1027 | 0 | 7 | 27 | 0 | 3.62 | .89 | 1.20 | 11 | 6.5 | 3 | 15 | 5 | 4 | 1 |
| CANOE BROOK | 39.8 | 17.6 | 28.7 | - .9 | 55 | 23+ | 4 | 5 | 1011 | 0 | 7 | 26 | 0 | 3.92 | .96 | 1.04 | 11 | 4.5 | 3 | 17+ | 5 | 4 | 1 |
| CHARLOTTEBURG | 36.8 | 15.0 | 25.9 | - 3.2 | 52 | 3 | 1 | 5 | 1087 | 0 | 10 | 26 | 0 | 5.15 | 1.98 | 1.94 | 11 | 5.0 | 7 | 1 | 6 | 4 | 2 |
| CRANFORD | 43.2 | 23.1 | 33.2 | | 57 | 22 | 5 | 5 | 884 | 0 | 2 | 24 | 0 | 2.73 | | 1.54 | 10 | 6.4 | 4 | 15 | 5 | 1 | 1 |
| ELIZABETH | | | | | | | | | | | | | | | | | | | | | | | |
| ESSEX FELLS SERV BLDG | 39.6 | 19.7 | 29.7 | | 55 | 23 | 5 | 26+ | 985 | 0 | 5 | 27 | 0 | 4.21 | | 1.46 | 10 | 4.3 | 3 | 16+ | 5 | 3 | 1 |
| FLEMINGTON 1 NE | 39.3 | 17.6 | 28.5 | - 3.8 | 57 | 23 | 5 | 27+ | 1016 | 0 | 9 | 26 | 0 | 3.15 | .37 | .88 | 11 | 6.8 | 5 | 17+ | 7 | 3 | 0 |
| HIGH POINT PARK | 33.1 | 16.0 | 24.6 | | 49 | 3 | - 4 | 26 | 1126 | 0 | 12 | 27 | 4 | 2.86 | | 1.03 | 11 | | 10 | 1 | | | 1 |
| JERSEY CITY | 39.5 | 24.8 | 32.2 | - .5 | 56 | 22 | 10 | 26+ | 913 | 0 | 5 | 23 | 0 | 3.13 | .23 | 1.80 | 10 | | | | 5 | 2 | 1 |
| LAMBERTVILLE | 42.7 | 22.9 | 32.8 | .3 | 58 | 22 | 8 | 26 | 896 | 0 | 4 | 23 | 0 | 2.59 | - .13 | 1.01 | 10 | 3.5 | 3 | 15 | 5 | 2 | 1 |
| LAYTON 2 | 35.9 | 14.4M | 25.2M | | 50 | 25+ | 0 | 26+ | 1112 | 0 | 9 | 27 | 3 | 3.00 | | .93 | 3 | 3.1 | 12 | 2 | 5 | 2 | 0 |
| LITTLE FALLS | 41.2 | 22.4 | 31.8 | .1 | 57 | 23 | 6 | 26 | 922 | 0 | 3 | 25 | 0 | 4.65 | 1.58 | 1.59 | 11 | 6.3 | 4 | 16 | 5 | 4 | 2 |
| LONG VALLEY | 39.2 | 17.6 | 28.4 | | 54 | 23 | - 1 | 5 | 1019 | 0 | 7 | 28 | 1 | 3.83 | .81 | 1.07 | 11 | 6.0 | | | 5 | 5 | 1 |
| MORRIS PLAINS 1 W | 38.6 | 17.4 | 28.0 | | 55 | 23 | 3 | 5 | 1030 | 0 | 6 | 27 | 0 | 4.11 | | 1.70 | 11 | 5.0 | 3 | 17+ | 5 | 4 | 1 |
| NEWARK WB AIRPORT R | 41.2 | 24.7 | 33.0 | .3 | 58 | 22 | 9 | 26 | 892 | 0 | 3 | 23 | 0 | 3.29 | .49 | 1.69 | 10 | 5.5 | 4 | 16 | 5 | 2 | 1 |
| NEWTON | 36.9 | 16.0 | 26.5 | - 1.6 | 52 | 23 | 3 | 26 | 1075 | 0 | 10 | 26 | 0 | 2.70 | .13 | .74 | 11 | 2.8 | 7 | 1 | 6 | 3 | 0 |
| PATERSON | 41.3 | 22.6 | 32.0 | - .1 | 56 | 26+ | 7 | 26 | 920 | 0 | 4 | 26 | 0 | 4.92 | 1.77 | 1.55 | 11 | 6.6 | | | 6 | 4 | 1 |
| PHILLIPSBURG | 40.1 | 18.0 | 29.1 | - 2.3 | 57 | 23 | 6 | 27+ | 1000 | 0 | 6 | 25 | 0 | 2.26 | - .80 | .72 | 11 | 3.0 | 3 | 18+ | 6 | 1 | 0 |
| PLAINFIELD | 41.3 | 22.7 | 32.0 | - .5 | 58 | 22 | 5 | 5 | 918 | 0 | 4 | 25 | 0 | 2.96 | - .06 | 1.30 | 10 | 5.0 | 3 | 16+ | 5 | 2 | 1 |
| SOMERVILLE | M | M | M | | 57 | 23+ | | | | 0 | | | 0 | | | | | | | | | | |
| SUSSEX 1 SE | 36.1 | 11.6 | 23.9 | - 5.0 | 53 | 3 | - 5 | 5 | 1146 | 0 | 11 | 28 | 3 | 3.78 | 1.06 | .97 | 11 | 4.0 | | | 6 | 4 | 0 |
| DIVISION | | | 29.1 | - 1.8 | | | | | | | | | | 3.47 | .55 | | | 4.9 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 42.5 | 25.1 | 33.8 | - .9 | 60 | 25 | 8 | 5+ | 867 | 0 | 2 | 22 | 0 | 3.08 | - .05 | .84 | 3 | 5.9 | 2 | 5+ | 7 | 2 | 0 |
| AUDUBON | 44.5 | 25.4 | 35.0 | | 59 | 25 | 9 | 26 | 831 | 0 | 1 | 23 | 0 | 2.31 | | .76 | 10 | 3.0 | 3 | 15 | 5 | 3 | 0 |
| BELLEPLAIN ST FOREST | 46.5 | 25.0 | 35.8 | | 60 | 25 | 2 | 5 | 812 | 0 | 0 | 21 | 0 | 2.85 | - .33 | .67 | 15 | 2.5 | 2 | 14 | 7 | 3 | 0 |
| BURLINGTON | 44.9 | 24.6 | 34.8 | - .1 | 57 | 25+ | 8 | 26 | 841 | 0 | 0 | 23 | 0 | 0 2.18 | - .72 | .80 | 10+ | | | | 4 | 2 | 0 |
| CHATSWORTH | 45.8 | 21.1M | 33.5M | | 59 | 25 | 0 | 5 | 887 | 0 | 1 | 26 | 1 | 2.92 | | .78 | 10 | | | | 5 | 4 | 0 |
| FREEHOLD | 40.1 | 22.4 | 31.3 | - 1.7 | 57 | 26 | 4 | 5 | 937 | 0 | 4 | 24 | 0 | 3.66 | .52 | 1.22 | 4 | 5.0 | 3 | 15+ | 6 | 4 | 1 |
| GLASSBORO | 43.1 | 23.8 | 33.5 | | 59 | 26 | 7 | 26 | 876 | 0 | 2 | 23 | 0 | 1.81 | | .64 | 10 | | | | 5 | 1 | 0 |
| HAMMONTON 2 NNE | 45.1 | 23.6 | 34.4 | - .1 | 60 | 26 | 8 | 26 | 850 | 0 | 2 | 23 | 0 | 2.48 | - .77 | .53 | 3 | | | | 5 | 3 | 0 |
| HIGHTSTOWN 1 N | 42.6 | 23.9 | 33.3 | .4 | 57 | 25+ | 7 | 5 | 884 | 0 | 2 | 24 | 0 | 2.77 | .04 | .93 | 10 | 4.3 | 2 | 16+ | 6 | 2 | 0 |
| INDIAN MILLS 2 W | 44.2M | 22.4M | 33.3M | - .5 | 59 | 25 | 3 | 5 | 881 | 0 | 1 | 24 | 0 | 2.91 | - .20 | .95 | 10 | 3.5 | 1 | 14+ | | | 0 |
| MILLVILLE | 44.8 | 22.8M | 33.8M | | 58 | 26 | 7 | 26+ | 868 | 0 | 1 | | 0 | 2.54 | | 1.10 | 3 | 3.5 | | | 5 | 1 | 1 |
| MILLVILLE FAA AIRPORT | 43.3 | 23.5 | 33.4 | | 58 | 25 | 7 | 5+ | 880 | 0 | 3 | 25 | 0 | 2.83 | | .89 | 10 | 1.0 | 1 | 14 | 6 | 3 | 0 |
| MOORESTOWN | 44.4M | 24.5 | 34.5M | 1.1 | 56 | 25+ | 7 | 26 | 841 | 0 | 1 | 23 | 0 | 2.26 | - .47 | .76 | 3 | | | | 3 | 3 | 0 |
| NEW BRUNSWICK | 40.6 | 22.8 | 31.7 | - 1.1 | 57 | 23+ | 7 | 26+ | 927 | 0 | 5 | 24 | 0 | 2.54 | - .23 | .78 | 4 | 4.8 | 3 | 15 | 6 | 2 | 0 |
| PEMBERTON 3 E | 44.0 | 23.8 | 33.9 | - .4 | 60 | 25 | 3 | 5 | 861 | 0 | 1 | 23 | 0 | 2.61 | - .27 | .74 | 10 | 3.0 | 1 | 15+ | 5 | 3 | 0 |
| SEABROOK FARMS | 43.0M | 24.2M | 33.6M | | 59 | 26 | 9 | 26 | 872 | 0 | 3 | 24 | 0 | 2.24 | | .59 | 16 | | | | 5 | 1 | 0 |
| SHILOH | 44.2 | 24.9 | 34.6 | - .3 | 59 | 25 | 7 | 26 | 847 | 0 | 1 | 22 | 0 | 1.90 | - .99 | .64 | 11 | | | | 4 | 3 | 0 |
| TOMS RIVER | 43.6 | 22.8 | 33.2 | | 59 | 26+ | 8 | 5 | 885 | 0 | 1 | 25 | 0 | 3.25 | | .99 | 4 | 3.0 | | | 6 | 3 | 0 |
| TRENTON WB CITY R | 41.0 | 25.0 | 33.0 | - .4 | 58 | 22 | 8 | 4 | 889 | 0 | 7 | 22 | 0 | 2.61 | .02 | .89 | 10 | 4.4 | 3 | 15 | 5 | 3 | 0 |
| TUCKERTON | 44.1 | 23.6 | 33.9 | | 61 | 25 | 1 | 5 | 865 | 0 | 2 | 24 | 0 | 2.87 | | .91 | 3 | 5.2 | 2 | 14+ | 6 | 3 | 0 |
| WOODSTOWN | 44.3 | 24.2 | 34.3 | | 58 | 25 | 1 | 26 | 852 | 0 | 1 | 24 | 0 | 2.06 | | .64 | 10 | 2.0 | | | 4 | 2 | 0 |
| DIVISION | | | 33.7 | .0 | | | | | | | | | | 2.70 | - .29 | | | 3.7 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 43.3 | 30.0 | 36.7 | 1.0 | 59 | 25 | 15 | 26 | 789 | 0 | 2 | 17 | 0 | 3.39 | .01 | 1.43 | 3 | | | | 7 | 2 | 1 |
| CAPE MAY 1 NW | 42.7 | 26.8 | 34.8 | | 58 | 26 | 12 | 26+ | 842 | 0 | 1 | 19 | 0 | 2.81 | | .83 | 3 | | | | 8 | 1 | 0 |
| LONG BRANCH 2S | 42.4 | 25.4 | 33.9 | .9 | 59 | 25 | 5 | 5 | 867 | 0 | 1 | 22 | 0 | 3.70 | .16 | 1.24 | 3 | 5.3 | 2 | 15+ | 5 | 3 | 2 |
| SANDY HOOK | 38.5M | 26.8M | 32.7M | | | | 12 | 5 | 896 | 0 | | | 0 | | | | | | | | | | |
| DIVISION | | | 34.5 | .2 | | | | | | | | | | 3.30 | .18 | | | 5.3 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>TUCKERTON | 61 | DATE | 25 |
| LOWEST TEMPERATURE<br>SUSSEX 1 SE | - 5 | DATE | 05 |
| GREATEST TOTAL PRECIPITATION<br>GREENWOOD LAKE | 5.18 | | |
| LEAST TOTAL PRECIPITATION<br>CANTON | 1.62 | | |
| GREATEST 1 DAY PRECIPITATION<br>MIDLAND PARK | 2.12 | DATE | 10 |
| GREATEST TOTAL SNOWFALL<br>GREENWOOD LAKE | 8.0 | | |
| GREATEST DEPTH OF SNOW<br>LAYTON 2 | 12 | DATE | 02 |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 2.50 | | | .36 | .41 | | T | | | T | .41 | .96 | T | T | T | .30 | .06 | | | T | | T | | T | | | | | T | | | |
| BERNARDSVILLE 2 E | 4.06 | | | .42 | .84 | | .04 | | | | .62 | 1.60 | | .01 | | .39 | .14 | | | | | | | | | | | | | | | |
| BLACKWELLS MILLS | 2.17 | | | .50 | .82 | | | | | | .07 | .55 | | | | .23 | | | | | | | | | | | | | | | | |
| BOONTON 1 SE | 3.62 | | | .67 | .74 | | .04 | | | T | .63 | 1.20 | T | T | T | .26 | .08 | | | | | | | T | | | T | | | | | |
| BOUND BROOK 2 W | 2.39 | | | .47 | .68 | | | | | | .44 | .50 | | T | | .21 | .09 | | | | | | | | | | | | | | | |
| BRANCHVILLE | 2.32 | | | .46 | .58 | | .03 | | | T | .31 | .71 | | T | | .22 | | | | | | | | .01 | | | | | T | | | |
| CANISTEAR RESERVOIR | 4.48 | | | 1.22 | .72 | | .06 | T | | | .60 | 1.56 | | .02 | | .20 | .10 | | | | | | | T | | | T | | T | | | |
| CANOE BROOK | 3.92 | | | .60 | .84 | | .02 | | | | .98 | 1.04 | | T | T | .36 | .08 | | | | | | | | | | | | | | | |
| CHARLOTTEBURG | 5.15 | | | 1.29 | .90 | | .07 | T | | | .54 | 1.94 | | .01 | | .26 | .14 | | | | | | | T | | | | | T | | | |
| CLINTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| CRANFORD | 2.73 | | .26 | .34 | .16 | | .03 | | | | 1.54 | .03 | | T | .01 | .36 | | | | | | | | | | T | | T | | | | |
| ELIZABETH | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| ESSEX FELLS SERV BLDG | 4.21 | | T | .98 | .48 | | .04 | | | | 1.46 | .86 | | T | | .34 | .05 | | | | | | | | | | | | | | | |
| FLEMINGTON 1 NE | 3.15 | | | .58 | .63 | | .12 | | | T | .45 | .88 | | T | | .34 | .15 | | | | | | | | | | | | | | | |
| GREENWOOD LAKE | 5.18 | | | 1.40 | 1.10 | | .05 | | | | .35 | 1.75 | | .05 | | .20 | .20 | | | | | | | .03 | | | | | .05 | | | |
| HIGH POINT PARK | 2.86 | | | .72 | * | * | .60 | | | .12 | .26 | 1.03 | | | | .13 | | | | | | | | T | | | | | | | | |
| JERSEY CITY | 3.13 | | .26 | .76 | .04 | | | | | | 1.80 | T | | .01 | .16 | .10 | | | | | | | T | | | | | | | | | |
| LAMBERTVILLE | 2.59 | | .41 | .71 | .01 | | | | | .03 | 1.01 | .02 | | T | .10 | .30 | | | | T | T | | | T | | T | | | | | | |
| LAYTON 2 | 3.00 | | | .93 | .36 | | .04 | | | | .43 | .82 | T | T | | .23 | .09 | | | | .03 | | | .06 | | | | | .01 | | | |
| LITTLE FALLS | 4.65 | | | .81 | .79 | | .04 | | | | 1.05 | 1.59 | | .02 | | .28 | .06 | | | | | | | .01 | | | | | | | | |
| LONG VALLEY | 3.83 | | | .84 | .66 | | .03 | | | | .73 | 1.07 | | T | | .50 | | | | | | | | | | | | | | | | |
| MAHWAH | 4.13 | | | .60 | 1.00 | | .05 | | | | .61 | 1.48 | | .02 | | .25 | .11 | | | | | | | .01 | | | | | | | | |
| MIDLAND PARK | 4.31 | | .38 | .26 | 1.10 | .02 | T | T | | | 2.12 | .02 | | .01 | .06 | .32 | T | T | T | T | T | | .02 | | | | | | | | | |
| MILTON | 4.76 | | | 1.41 | .90 | | .12 | | | | .65 | 1.16 | | .10 | | .20 | .15 | | | | | | | .06 | | | .01 | | | | | |
| MORRIS PLAINS 1 W | 4.11 | | | .65 | .76 | | .05 | | | T | .52 | 1.70 | T | .02 | | .31 | .08 | | | | | T | T | .02 | | T | | | | | | |
| NEWARK WB AIRPORT R | 3.29 | | .26 | .77 | .09 | T | .01 | | | T | 1.69 | | | T | .11 | .36 | | | | | T | | T | | | T | | T | | | | |
| NEW MILFORD | 4.11 | | .15 | 1.38 | .09 | | .02 | | | | 1.94 | | | | | .32 | .10 | | | | | | .11 | | | | | | | | | |
| NEWTON | 2.70 | | | .64 | .66 | | .03 | | | T | .28 | .74 | | T | | .22 | .10 | | | | | | | .03 | | | | | T | | | |
| OAK RIDGE RESERVOIR | 4.35 | | | 1.06 | .79 | | .08 | | | | .66 | 1.26 | | .07 | | .26 | .12 | | | | | | | .05 | | | | | | | | |
| PATERSON | 4.92 | | | .96 | .92 | | .04 | | | | .96 | 1.55 | | .02 | T | .33 | .12 | | | | | T | | .02 | | | | T | T | | | |
| PHILLIPSBURG | 2.26 | | T | .44 | .46 | | .02 | | | | .19 | .72 | | | | .33 | .10 | | | | | | | | | | | | | | | |
| PLAINFIELD | 2.96 | | .43 | .70 | .15 | | T | | | | 1.30 | T | | T | .05 | .33 | | | | | T | | | T | | | | | | | | |
| POTTERSVILLE 2 NNW | 3.78 | | | .88 | .72 | | .19 | | | | .42 | 1.18 | | .04 | | .25 | .10 | | | | | | | | | | | | | | | |
| RAHWAY | 2.69 | | .35 | .71 | .05 | | | | | | 1.23 | | | T | .24 | .11 | | | | | | | | | | | | | | | | |
| RINGWOOD | 4.66 | | .22 | 1.16 | .58 | | .05 | | | | 1.18 | 1.19 | | .03 | | .20 | .05 | | | | | | | T | | | | | T | | | |
| SOMERVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .19 | .11 | | | | T | T | | | T | | | | T | | | | |
| SPLIT ROCK POND | 4.69 | | | 1.35 | .64 | | .03 | | | | .92 | 1.42 | | .01 | | .31 | | | | | | | | .01 | | | | | .01 | | | |
| SUSSEX 1 SE | 3.78 | | | .93 | .71 | | .02 | | | T | .86 | .97 | | T | | .15 | .12 | | | | | | | .01 | | | | | | | | |
| WANAQUE RAYMOND DAM | 4.09 | | | .93 | .65 | T | .06 | | | | .60 | 1.50 | | T | | .18 | .12 | | | | | | | .05 | | | | | | | | |
| WERTSVILLE | 2.74 | | | .53 | .64 | | T | | | | .55 | .74 | | T | | .26 | .02 | | | | | T | | | | | | | | | | |
| WEST WHARTON | 4.55 | | | 1.33 | .70 | | .08 | | | | .42 | 1.53 | | .01 | | .26 | .13 | | | | | | | .09 | | | | | | | | |
| WOODCLIFF LAKE | 3.87 | | .55 | .91 | | | .05 | | | | 1.84 | | | | .06 | .26 | .10 | | | | | | .10 | | | | | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 3.08 | | .49 | .84 | .18 | | | | | .11 | .74 | .03 | | | .26 | .36 | T | .07 | | | T | | | | | | | T | | | | |
| AUDUBON | 2.31 | | .40 | .55 | | | | | | T | .76 | | | T | .10 | .50 | | | | | T | | | | | T | | | | | | |
| BASS RIVER ST FOREST | 3.10 | | .28 | .98 | .40 | | | | | | .45 | .22 | | | | .43 | .32 | .02 | | | | | | | | | | | | | | |
| BELLEPLAIN ST FOREST | 2.85 | | .27 | .66 | .21 | | | | | .01 | .62 | .10 | | | .05 | .67 | .06 | .20 | | | | | | | | | | | | | | |
| BURLINGTON | D 2.18 | | .29 | | .80 | | | | | | .80 | .02 | | | 0 .10 | .09 | .05 | | | .02 | .01 | | | | | | | | | | | |
| CANTON | 1.62 | | .04 | .59 | .01 | | | | | .20 | .45 | | | | | .33 | | T | | | | | | | | | | | | | | |
| CHATSWORTH | 2.92 | | .54 | .62 | .25 | | | | | | .78 | | | | .07 | .60 | | | | | .06 | | | | | | | | | | | |
| FORTESCUE | 2.05 | | | .46 | | | | | | | .55 | .32 | | | | .15 | .42 | .15 | | | | | | | | | | | | | | |
| FREEHOLD | 3.66 | | | .59 | 1.22 | | T | | | | .57 | .61 | | .01 | | .37 | .29 | | | | T | T | | | | | | T | | | | |
| GLASSBORO | 1.81 | | | .40 | T | | | | | .01 | .64 | .10 | | | .15 | .48 | | | .03 | | | | | | | | | | | | | |
| HAMMONTON 2 NNE | 2.48 | | | .53 | .52 | | | | | | .52 | .35 | | | | .47 | .09 | | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | 2.77 | | .35 | .74 | .16 | | T | | | T | .93 | T | | .01 | .10 | .48 | | | | | T | | | T | | T | | | T | | | |
| INDIAN MILLS 2 W | - | | .50 | .56 | .13 | | | | | - | .95 | .02 | | T | * | .75 | T | | | T | T | | | | | T | | | | | | |
| MAYS LANDING 1 W | 2.93 | | | .54 | .86 | | | | | | .40 | .31 | T | | | .53 | .25 | .04 | T | | | T | | | | | | | T | | | |
| MILLVILLE | 2.54 | | | 1.10 | .43 | | | | | | .31 | .32 | | | | .04 | .34 | T | | T | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | 2.83 | | .32 | .66 | T | | | | | .13 | .89 | .08 | | | .13 | .56 | | .05 | | | T | | | | | T | | .01 | | | | |
| MOORESTOWN | 2.26 | | .07 | .76 | T | | | | | T | .74 | .03 | | T | | | .66 | | | T | | | | | | | | | | | | |
| NEW BRUNSWICK | 2.54 | | | .43 | .78 | | T | | | | .53 | .46 | | .01 | | .23 | .10 | | | | T | T | | T | | | T | | | | | |
| PEMBERTON 3 E | 2.61 | | .38 | .63 | .15 | | | | | | .74 | | | | .08 | .63 | | | | | | | | | | | | | | | | |
| PRINCETON WATER WORKS | 2.77 | | .41 | .71 | .04 | | T | | | | 1.00 | | | .02 | .16 | .43 | | | | T | | | | | | | | T | | | | |
| SEABROOK FARMS | 2.24 | | | .43 | .43 | | | | | T | .36 | .43 | | | | | .59 | | | | | | | | | | | | | | | |
| SHILOH | 1.90 | | .12 | .58 | .02 | | | | | T | | .64 | | | | .53 | | .01 | | | | | | | | | | | | | | |
| TOMS RIVER | 3.25 | | | .55 | .99 | | | | | | .49 | .52 | | | T | .30 | .40 | | | | | | | | | | | | | | | |
| TRENTON WB CITY R | 2.61 | | .18 | .73 | T | T | T | | | T | .89 | .01 | | .02 | .20 | .54 | | | | T | .01 | | | | | T | | .03 | | | | |
| TUCKERTON | 2.87 | | .27 | .91 | .28 | | | | | T | .67 | T | | T | .15 | .54 | .02 | .03 | | | T | | | | | T | T | | | | | |
| WOODSTOWN | 2.06 | | .35 | .52 | .03 | | | | | .01 | .64 | .01 | | | .01 | .49 | | | | | | | | | | T | | | T | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 3.39 | | .28 | 1.43 | .18 | | | | | .06 | .57 | .01 | | | .26 | .39 | | .20 | | | | | | | | | | .01 | | | | |
| CAPE MAY 1 NW | 2.81 | | | .83 | .10 | | | | | | .16 | .28 | | | | .41 | .40 | .27 | .34 | | | | | | | | | .02 | | | | |
| LONG BRANCH 2S | 3.70 | | .35 | 1.24 | .37 | | T | | | T | 1.00 | .01 | | T | .07 | .66 | T | T | | | T | | | T | | T | | | | | | |
| SANDY HOOK | - | | * | * | 1.41 | | T | | | | * | 1.24 | | * | * | * | .58 | | | | | - | - | - | - | - | - | - | - | | | |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

NEW JERSEY
FEBRUARY 1970

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| • • • | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 35 | 48 | 52 | 47 | 19 | 32 | 37 | 46 | 37 | 40 | 45 | 41 | 36 | 32 | 22 | 30 | 37 | 44 | 46 | 43 | 33 | 31 | 54 | 38 | 52 | 48 | 28 | 40 | | | | 39.0 |
| | MIN | 17 | 21 | 31 | 5 | 7 | 14 | 16 | 20 | 24 | 33 | 33 | 21 | 21 | 7 | 10 | 20 | 15 | 17 | 19 | 15 | 12 | 19 | 21 | 17 | 21 | 4 | 6 | 19 | | | | 17.3 |
| BOONTON 1 SE | MAX | 34 | 47 | 53 | 46 | 15 | 33 | 38 | 44 | 37 | 41 | 44 | 41 | 34 | 29 | 22 | 31 | 34 | 41 | 46 | 45 | 32 | 32 | 53 | 34 | 49 | 50 | 27 | 40 | | | | 38.3 |
| | MIN | 15 | 27 | 31 | 8 | 3 | 12 | 17 | 19 | 23 | 32 | 35 | 24 | 23 | 7 | 10 | 21 | 18 | 18 | 21 | 13 | 15 | 18 | 21 | 18 | 26 | 5 | 5 | 16 | | | | 17.9 |
| CANOE BROOK | MAX | 32 | 50 | 55 | 46 | 25 | 31 | 38 | 46 | 38 | 39 | 47 | 43 | 37 | 31 | 24 | 30 | 37 | 41 | 47 | 48 | 33 | 35 | 55 | 35 | 52 | 52 | 26 | 42 | | | | 39.8 |
| | MIN | 14 | 15 | 36 | 8 | 4 | 13 | 20 | 18 | 20 | 29 | 33 | 24 | 25 | 8 | 13 | 19 | 17 | 17 | 19 | 14 | 15 | 16 | 19 | 17 | 26 | 6 | 8 | 21 | | | | 17.6 |
| CHARLOTTEBURG | MAX | 34 | 47 | 52 | 45 | 23 | 29 | 37 | 43 | 35 | 37 | 42 | 38 | 30 | 25 | 21 | 29 | 32 | 42 | 45 | 42 | 39 | 28 | 51 | 30 | 47 | 47 | 24 | 36 | | | | 36.8 |
| | MIN | 13 | 29 | 33 | 6 | 1 | 10 | 15 | 15 | 16 | 30 | 34 | 21 | 20 | 2 | 2 | 19 | 11 | 11 | 13 | 13 | 13 | 13 | 24 | 16 | 22 | 2 | 2 | 14 | | | | 15.0 |
| CRANFORD | MAX | 51 | 53 | 55 | 46 | 33 | 38 | 44 | 40 | 40 | 48 | 45 | 38 | 33 | 29 | 29 | 36 | 41 | 47 | 48 | 41 | 33 | 57 | 54 | 54 | 55 | 39 | 42 | 41 | | | | 43.2 |
| | MIN | 29 | 29 | 44 | 9 | 5 | 30 | 22 | 21 | 30 | 35 | 36 | 25 | 26 | 10 | 20 | 22 | 20 | 21 | 30 | 15 | 17 | 27 | 33 | 19 | 25 | 6 | 15 | 27 | | | | 23.1 |
| ELIZABETH | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ESSEX FELLS SERV BLDG | MAX | 34 | 50 | 54 | 46 | 28 | 33 | 37 | 43 | 37 | 40 | 41 | 41 | 34 | 32 | 23 | 31 | 35 | 39 | 47 | 46 | 32 | 33 | 55 | 42 | 52 | 53 | 36 | 34 | | | | 39.6 |
| | MIN | 19 | 30 | 40 | 5 | 5 | 15 | 20 | 20 | 25 | 32 | 32 | 23 | 23 | 7 | 13 | 21 | 19 | 19 | 32 | 13 | 14 | 13 | 29 | 19 | 32 | 5 | 12 | 14 | | | | 19.7 |
| FLEMINGTON 1 NE | MAX | 31 | 49 | 54 | 48 | 16 | 32 | 39 | 43 | 38 | 42 | 47 | 41 | 35 | 32 | 23 | 31 | 33 | 39 | 48 | 46 | 32 | 31 | 57 | 38 | 53 | 53 | 25 | 43 | | | | 39.3 |
| | MIN | 15 | 21 | 31 | 7 | 5 | 11 | 18 | 19 | 26 | 33 | 36 | 22 | 23 | 8 | 12 | 20 | 15 | 17 | 19 | 15 | 14 | 18 | 26 | 15 | 20 | 5 | 5 | 16 | | | | 17.6 |
| HIGH POINT PARK | MAX | 32 | 47 | 49 | 43 | 10 | 26 | 35 | 38 | 34 | 33 | 39 | 36 | 26 | 22 | 18 | 26 | 29 | 35 | 43 | 39 | 25 | 26 | 47 | 27 | 46 | 43 | 20 | 33 | | | | 33.1 |
| | MIN | 12 | 31 | 36 | -1 | -1 | 9 | 21 | 24 | 27 | 28 | 30 | 15 | 17 | 3 | 8 | 18 | 13 | 16 | 29 | 11 | 10 | 18 | 21 | 13 | 25 | -4 | 0 | 19 | | | | 16.0 |
| JERSEY CITY | MAX | 51 | 50 | 49 | 17 | 34 | 35 | 40 | 38 | 40 | 46 | 43 | 36 | 32 | 23 | 30 | 35 | 39 | 41 | 47 | 33 | 34 | 56 | 47 | 53 | 55 | 26 | 38 | 39 | | | | 39.5 |
| | MIN | 31 | 38 | 17 | 10 | 12 | 33 | 27 | 30 | 36 | 35 | 34 | 29 | 17 | 15 | 22 | 29 | 24 | 32 | 22 | 19 | 19 | 30 | 28 | 28 | 15 | 10 | 24 | 29 | | | | 24.8 |
| LAMBERTVILLE | MAX | 52 | 54 | 54 | 31 | 34 | 40 | 47 | 38 | 40 | 47 | 46 | 38 | 35 | 28 | 30 | 34 | 42 | 48 | 47 | 38 | 32 | 58 | 51 | 55 | 53 | 38 | 44 | 41 | | | | 42.7 |
| | MIN | 26 | 30 | 30 | 9 | 10 | 29 | 22 | 22 | 33 | 36 | 36 | 24 | 26 | 11 | 19 | 22 | 20 | 19 | 33 | 11 | 18 | 27 | 34 | 18 | 26 | 8 | 14 | 27 | | | | 22.9 |
| LAYTON 2 | MAX | 33 | 41 | 47 | 41 | 13 | 30 | 36 | 42 | 38 | 37 | 38 | 39 | 31 | 27 | 22 | 28 | 35 | 39 | 45 | 42 | 30 | 37 | 50 | 31 | 50 | 42 | 23 | 37 | | | | 35.9 |
| | MIN | 10 | 25 | 27 | | 0 | 7 | 11 | 15 | 22 | 30 | 32 | 20 | 19 | 0 | 5 | 16 | 9 | 9 | 17 | 9 | 10 | 19 | 25 | 13 | 23 | 0 | 2 | 15 | | | | 14.4 |
| LITTLE FALLS | MAX | 38 | 50 | 56 | 47 | 33 | 34 | 39 | 44 | 39 | 42 | 46 | 43 | 36 | 31 | 27 | 32 | 36 | 41 | 47 | 48 | 33 | 36 | 57 | 36 | 52 | 54 | 38 | 39 | | | | 41.2 |
| | MIN | 24 | 30 | 38 | 8 | 8 | 16 | 23 | 23 | 30 | 35 | 37 | 28 | 25 | 11 | 18 | 23 | 22 | 22 | 28 | 16 | 17 | 21 | 31 | 20 | 32 | 6 | 10 | 26 | | | | 22.4 |
| LONG VALLEY | MAX | 46 | 47 | 50 | 45 | 23 | 32 | 38 | 43 | 34 | 38 | 44 | 40 | 34 | 29 | 25 | 28 | 34 | 41 | 45 | 44 | 30 | 49 | 54 | 38 | 50 | 51 | 27 | 39 | | | | 39.2 |
| | MIN | 16 | 27 | 32 | 4 | -1 | 13 | 16 | 18 | 30 | 30 | 32 | 20 | 21 | 5 | 15 | 21 | 14 | 15 | 22 | 14 | 11 | 22 | 24 | 15 | 24 | 3 | 8 | 22 | | | | 17.6 |
| MORRIS PLAINS 1 W | MAX | 34 | 48 | 53 | 46 | 16 | 31 | 38 | 43 | 36 | 39 | 46 | 42 | 35 | 30 | 22 | 31 | 35 | 39 | 46 | 47 | 33 | 33 | 55 | 35 | 52 | 52 | 25 | 40 | | | | 38.6 |
| | MIN | 10 | 29 | 31 | 7 | 3 | 12 | 18 | 17 | 22 | 32 | 35 | 24 | 23 | 6 | 12 | 21 | 17 | 17 | 18 | 13 | 14 | 14 | 25 | 16 | 24 | 5 | 6 | 15 | | | | 17.4 |
| NEWARK WB AIRPORT | MAX | 50 | 54 | 55 | 20 | 35 | 38 | 44 | 38 | 41 | 49 | 44 | 37 | 33 | 25 | 33 | 36 | 40 | 43 | 48 | 34 | 34 | 58 | 45 | 54 | 55 | 28 | 41 | 41 | | | | 41.2 |
| | MIN | 30 | 36 | 20 | 10 | 13 | 33 | 27 | 28 | 35 | 37 | 35 | 29 | 19 | 16 | 23 | 24 | 25 | 28 | 24 | 20 | 20 | 29 | 27 | 27 | 16 | 9 | 23 | 28 | | | | 24.7 |
| NEWTON | MAX | 31 | 47 | 51 | 45 | 13 | 32 | 38 | 40 | 39 | 39 | 43 | 40 | 33 | 27 | 22 | 30 | 33 | 38 | 46 | 43 | 30 | 29 | 52 | 32 | 49 | 45 | 25 | 40 | | | | 36.9 |
| | MIN | 5 | 27 | 36 | 4 | 4 | 11 | 14 | 16 | 20 | 30 | 35 | 21 | 21 | 5 | 8 | 15 | 13 | 14 | 17 | 12 | 10 | 14 | 20 | 16 | 29 | 3 | 5 | 22 | | | | 16.0 |
| PATERSON | MAX | 38 | 52 | 55 | 47 | 25 | 34 | 38 | 44 | 43 | 48 | 45 | 46 | 36 | 32 | 25 | 32 | 33 | 40 | 46 | 48 | 35 | 38 | 56 | 37 | 52 | 56 | 35 | 40 | | | | 41.3 |
| | MIN | 19 | 32 | 39 | 9 | 9 | 18 | 25 | 27 | 32 | 32 | 38 | 26 | 26 | 13 | 14 | 22 | 23 | 16 | 29 | 18 | 18 | 20 | 30 | 22 | 32 | 7 | 9 | 28 | | | | 22.6 |
| PHILLIPSBURG | MAX | 38 | 52 | 52 | 48 | 19 | 33 | 39 | 47 | 38 | 44 | 47 | 42 | 36 | 32 | 23 | 31 | 37 | 43 | 48 | 45 | 33 | 32 | 57 | 38 | 53 | 48 | 27 | 42 | | | | 40.1 |
| | MIN | 14 | 16 | 34 | 8 | 7 | 14 | 21 | 22 | 26 | 33 | 35 | 22 | 22 | 9 | 10 | 21 | 15 | 18 | 18 | 17 | 16 | 17 | 23 | 18 | 18 | 6 | 6 | 19 | | | | 18.0 |
| PLAINFIELD | MAX | 51 | 53 | 47 | 30 | 33 | 40 | 44 | 37 | 39 | 47 | 42 | 38 | 33 | 25 | 30 | 37 | 41 | 47 | 49 | 34 | 33 | 58 | 49 | 54 | 54 | 28 | 43 | 40 | | | | 41.3 |
| | MIN | 25 | 29 | 30 | 8 | 5 | 29 | 23 | 22 | 31 | 35 | 35 | 24 | 25 | 10 | 20 | 22 | 22 | 21 | 32 | 16 | 16 | 24 | 35 | 19 | 26 | 8 | 16 | 27 | | | | 22.7 |
| SOMERVILLE | MAX | | | | | | | | | | | | | | 24 | 29 | 36 | 41 | 47 | 47 | 33 | 33 | 57 | 57 | 53 | 53 | 37 | 43 | | | | | |
| | MIN | | | | | | | | | | | | | | 8 | 18 | 18 | 20 | 19 | 29 | 14 | 11 | 16 | 31 | 16 | 18 | 6 | 6 | 22 | | | | |
| SUSSEX 1 SE | MAX | 33 | 47 | 53 | 44 | 14 | 31 | 31 | 39 | 37 | 39 | 39 | 40 | 31 | 26 | 21 | 29 | 35 | 36 | 46 | 43 | 30 | 29 | 50 | 32 | 49 | 44 | 23 | 39 | | | | 36.1 |
| | MIN | 2 | 14 | 28 | 1 | -5 | 6 | 10 | 12 | 15 | 27 | 30 | 18 | 18 | 1 | 2 | 15 | 11 | 12 | 14 | 9 | 9 | 11 | 22 | 10 | 23 | -1 | -1 | 11 | | | | 11.6 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 54 | 48 | 51 | 21 | 36 | 41 | 43 | 41 | 43 | 48 | 41 | 37 | 37 | 33 | 40 | 37 | 39 | 45 | 52 | 36 | 37 | 55 | 50 | 53 | 60 | 29 | 42 | 41 | | | | 42.5 |
| | MIN | 34 | 36 | 21 | 8 | 8 | 30 | 26 | 25 | 34 | 39 | 35 | 26 | 23 | 16 | 33 | 31 | 31 | 30 | 31 | 20 | 17 | 26 | 28 | 25 | 22 | 13 | 11 | 25 | | | | 25.1 |
| AUDUBON | MAX | 55 | 56 | 56 | 35 | 36 | 43 | 48 | 42 | 43 | 54 | 42 | 39 | 35 | 25 | 37 | 35 | 40 | 51 | 52 | 37 | 35 | 58 | 50 | 55 | 59 | 39 | 48 | 42 | | | | 44.5 |
| | MIN | 30 | 35 | 25 | 11 | 15 | 28 | 25 | 25 | 35 | 38 | 35 | 27 | 24 | 16 | 23 | 28 | 27 | 24 | 31 | 24 | 20 | 27 | 35 | 24 | 22 | 9 | 18 | 29 | | | | 25.4 |
| BELLEPLAIN ST FOREST | MAX | 56 | 52 | 55 | 49 | 37 | 45 | 44 | 42 | 43 | 49 | 46 | 42 | 39 | 37 | 40 | 38 | 40 | 48 | 55 | 45 | 38 | 57 | 52 | 54 | 60 | 48 | 47 | 45 | | | | 46.5 |
| | MIN | 37 | 35 | 46 | 11 | 2 | 25 | 21 | 22 | 33 | 40 | 32 | 29 | 22 | 16 | 26 | 32 | 30 | 29 | 33 | 19 | 11 | 21 | 37 | 19 | 28 | 8 | 11 | 25 | | | | 25.0 |
| BURLINGTON | MAX | 47 | 56 | 56 | 35 | 36 | 42 | 44 | 42 | 43 | 50 | 48 | 43 | 43 | 33 | 36 | 36 | 38 | 50 | 50 | 41 | 35 | 57 | 55 | 54 | 57 | 40 | 46 | 45 | | | | 44.9 |
| | MIN | 34 | 29 | 34 | 10 | 12 | 30 | 26 | 24 | 33 | 37 | 29 | 32 | 27 | 15 | 16 | 28 | 26 | 25 | 31 | 19 | 18 | 25 | 34 | 25 | 30 | 8 | 16 | 15 | | | | 24.6 |
| CHATSWORTH | MAX | 57 | 53 | 55 | 49 | 36 | 45 | 45 | 42 | 43 | 50 | 47 | 41 | 35 | 31 | 40 | 39 | 38 | 50 | 53 | 45 | 35 | 58 | 54 | 55 | 59 | 40 | 45 | 42 | | | | 45.8 |
| | MIN | 27 | 27 | 37 | 8 | 0 | 25 | 21 | 22 | 30 | 38 | 25 | 24 | 18 | 11 | 23 | 30 | 25 | 24 | 31 | 14 | 9 | 25 | | | 22 | 8 | 5 | 20 | | | | 21.1 |
| FREEHOLD | MAX | 39 | 50 | 54 | 45 | 19 | 33 | 38 | 41 | 38 | 46 | 47 | 42 | 35 | 32 | 31 | 34 | 33 | 35 | 45 | 46 | 33 | 37 | 55 | 38 | 51 | 57 | 27 | 42 | | | | 40.1 |
| | MIN | 19 | 34 | 39 | 8 | 4 | 19 | 24 | 23 | 29 | 34 | 34 | 25 | 25 | 14 | 18 | 27 | 22 | 23 | 27 | 17 | 15 | 20 | 30 | 22 | 32 | 8 | 10 | 25 | | | | 22.4 |
| GLASSBORO | MAX | 42 | 53 | 55 | 52 | 24 | 36 | 42 | 45 | 43 | 51 | 51 | 46 | 36 | 34 | 36 | 38 | 34 | 37 | 49 | 53 | 34 | 35 | 54 | 38 | 54 | 59 | 28 | 48 | | | | 43.1 |
| | MIN | 19 | 36 | 45 | 10 | 12 | 24 | 25 | 24 | 28 | 36 | 34 | 27 | 26 | 17 | 16 | 18 | 26 | 24 | 30 | 22 | 19 | 22 | 33 | 28 | 25 | 7 | 10 | 22 | | | | 23.8 |
| HAMMONTON 2 NNE | MAX | 51 | 57 | 58 | 50 | 23 | 37 | 46 | 47 | 45 | 48 | 50 | 43 | 41 | 39 | 38 | 39 | 34 | 38 | 53 | 55 | 38 | 40 | 57 | 44 | 55 | 60 | 30 | 47 | | | | 45.1 |
| | MIN | 19 | 35 | 44 | 9 | 9 | 22 | 25 | 23 | 32 | 35 | 33 | 27 | 26 | 15 | 16 | 30 | 26 | 25 | 28 | 20 | 16 | 19 | 36 | 25 | 30 | 8 | 9 | 19 | | | | 23.6 |
| HIGHTSTOWN 1 N | MAX | 53 | 54 | 56 | 32 | 35 | 40 | 42 | 39 | 41 | 48 | 45 | 38 | 33 | 27 | 34 | 34 | 37 | 49 | 46 | 36 | 34 | 57 | 51 | 53 | 57 | 35 | 45 | 41 | | | | 42.6 |
| | MIN | 29 | 34 | 32 | 9 | 7 | 29 | 23 | 22 | 30 | 36 | 35 | 24 | 25 | 13 | 21 | 27 | 22 | 21 | 32 | 18 | 16 | 26 | 33 | 22 | 32 | 8 | 15 | 27 | | | | 23.9 |
| INDIAN MILLS 2 W | MAX | 55 | 55 | 57 | 33 | 35 | 44 | 45 | 43 | | 49 | 45 | 38 | 34 | 28 | 38 | 34 | 39 | 52 | 51 | 39 | 35 | 57 | 52 | 54 | 59 | 36 | 46 | 40 | | | | 44.2 |
| | MIN | 30 | 30 | 33 | 9 | 3 | 23 | 21 | 21 | | 39 | 33 | 27 | 23 | 10 | 22 | 29 | 24 | 20 | 31 | 17 | 16 | 24 | 36 | 19 | 26 | 8 | 8 | 24 | | | | 22.4 |
| MILLVILLE | MAX | 40 | 55 | 54 | 50 | 29 | 36 | 49 | 47 | 45 | 50 | 50 | 44 | 39 | 38 | 37 | 39 | 35 | 40 | 50 | 52 | 37 | 40 | 56 | 45 | 55 | 58 | 36 | 47 | | | | 44.8 |
| | MIN | 23 | 30 | 44 | 11 | 7 | 23 | 20 | 21 | 32 | 39 | | | 17 | 14 | 20 | 32 | 28 | 26 | 33 | 20 | 14 | 21 | 28 | 20 | 27 | 7 | 11 | 25 | | | | 22.8 |
| MILLVILLE FAA AIRPORT | MAX | 56 | 52 | 52 | 20 | 35 | 46 | 46 | 43 | 44 | 50 | 43 | 38 | 38 | 30 | 38 | 36 | 39 | 48 | 54 | 36 | 35 | 56 | 49 | 55 | 58 | 29 | 44 | 41 | | | | 43.3 |
| | MIN | 32 | 35 | 20 | 7 | 7 | 26 | 22 | 22 | 35 | 36 | 32 | 24 | 24 | 20 | 30 | 30 | 30 | 29 | 30 | 21 | 12 | 24 | 26 | 19 | 20 | 10 | 12 | 22 | | | | 23.5 |
| MOORESTOWN | MAX | 51 | 52 | 56 | 49 | 34 | 41 | 42 | 43 | 40 | 48 | 50 | 40 | 36 | 34 | 33 | 35 | 35 | 46 | 50 | 50 | 32 | 52 | 54 | 50 | 56 | | 43 | 46 | | | | 44.4 |
| | MIN | 30 | 35 | 48 | 9 | 11 | 25 | 21 | 21 | 32 | 37 | 34 | 25 | 26 | 14 | 21 | 30 | 23 | 21 | 28 | 20 | 18 | 26 | 35 | 24 | 23 | 7 | 13 | 29 | | | | 24.5 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | MAX | 38 | 51 | 57 | 47 | 17 | 34 | 40 | 42 | 39 | 41 | 48 | 42 | 34 | 31 | 30 | 31 | 34 | 40 | 47 | 47 | 33 | 32 | 57 | 38 | 53 | 54 | 36 | 43 | | | | 40.6 |
| | MIN | 30 | 32 | 32 | 8 | 7 | 11 | 24 | 23 | 31 | 34 | 36 | 24 | 24 | 13 | 19 | 26 | 22 | 24 | 26 | 18 | 17 | 26 | 34 | 21 | 33 | 7 | 8 | 27 | | | | 22.8 |
| PEMBERTON 3 E | MAX | 55 | 53 | 53 | 48 | 36 | 45 | 45 | 42 | 41 | 49 | 40 | 40 | 35 | 28 | 38 | 33 | 38 | 53 | 50 | 35 | 37 | 57 | 43 | 54 | 60 | 38 | 47 | 40 | | | | 44.0 |
| | MIN | 28 | 34 | 48 | 9 | 3 | 28 | 20 | 22 | 32 | 38 | 35 | 25 | 25 | 13 | 21 | 30 | 24 | 22 | 32 | 16 | 16 | 25 | 35 | 19 | 26 | 8 | 9 | 24 | | | | 23.8 |
| SEABROOK FARMS | MAX | 40 | 55 | 55 | 51 | 24 | 34 | 45 | 44 | | 49 | 51 | 42 | 37 | 37 | 25 | 38 | 33 | 39 | 47 | 53 | 35 | 36 | 56 | 43 | 55 | 59 | 32 | 45 | | | | 43.0 |
| | MIN | 22 | 32 | 46 | 12 | 12 | 24 | 23 | 24 | | 37 | 32 | 28 | 27 | 16 | 20 | | 27 | 23 | 29 | 21 | 18 | 23 | 35 | 22 | 27 | 9 | 12 | 27 | | | | 24.2 |
| SHILOH | MAX | 56 | 48 | 53 | 35 | 34 | 45 | 45 | 42 | 43 | 45 | 51 | 40 | 37 | 32 | 36 | 33 | 38 | 47 | 52 | 43 | 35 | 55 | 51 | 54 | 59 | 43 | 45 | 40 | | | | 44.2 |
| | MIN | 28 | 33 | 35 | 11 | 11 | 33 | 25 | 23 | 33 | 32 | 31 | 28 | 25 | 17 | 23 | 30 | 27 | 25 | 33 | 21 | 16 | 25 | 35 | 25 | 23 | 7 | 16 | 25 | | | | 24.9 |
| TOMS RIVER | MAX | 39 | 57 | 53 | 54 | 38 | 35 | 43 | 43 | 42 | 45 | 48 | 41 | 37 | 35 | 36 | 41 | 34 | 38 | 49 | 52 | 35 | 35 | 59 | 42 | 56 | 59 | 29 | 45 | | | | 43.6. |
| | MIN | 17 | 31 | 35 | 10 | 8 | 25 | 23 | 24 | 30 | 35 | 35 | 26 | 26 | 14 | 17 | 30 | 26 | 27 | 29 | 17 | 14 | 16 | 27 | 20 | 28 | 9 | 11 | 28 | | | | 22.8 |
| TRENTON WB CITY | MAX | 54 | 56 | 56 | 16 | 35 | 41 | 43 | 38 | 41 | 49 | 40 | 34 | 32 | 23 | 34 | 32 | 39 | 49 | 49 | 32 | 32 | 58 | 46 | 54 | 55 | 26 | 45 | 38 | | | | 41.0 |
| | MIN | 32 | 37 | 15 | 8 | 14 | 33 | 30 | 29 | 34 | 38 | 33 | 25 | 21 | 16 | 23 | 28 | 26 | 29 | 27 | 22 | 18 | 28 | 33 | 28 | 14 | 10 | 21 | 27 | | | | 25.0 |
| TUCKERTON | MAX | 53 | 57 | 52 | 32 | 37 | 43 | 43 | 41 | 42 | 46 | 42 | 42 | 38 | 29 | 41 | 36 | 37 | 45 | 55 | 39 | 37 | 58 | 52 | 55 | 61 | 38 | 42 | 42 | | | | 44.1 |
| | MIN | 30 | 37 | 32 | 7 | 1 | 25 | 22 | 23 | 30 | 39 | 32 | 25 | 23 | 13 | 29 | 30 | 25 | 30 | 34 | 14 | 13 | 24 | 33 | 20 | 26 | 9 | 9 | 26 | | | | 23.6 |
| WOODSTOWN | MAX | 54 | 54 | 53 | 38 | 36 | 42 | 45 | 40 | 42 | 52 | 42 | 40 | 36 | 31 | 37 | 34 | 39 | 48 | 51 | 42 | 36 | 56 | 53 | 54 | 58 | 40 | 45 | 41 | | | | 44.3 |
| | MIN | 27 | 33 | 37 | 9 | 13 | 25 | 24 | 25 | 31 | 39 | 32 | 28 | 25 | 16 | 22 | 30 | 25 | 23 | 32 | 18 | 13 | 24 | 35 | 23 | 25 | 1 | 16 | 27 | | | | 24.2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 55 | 50 | 53 | 23 | 38 | 43 | 43 | 44 | 44 | 46 | 44 | 38 | 39 | 36 | 42 | 38 | 38 | 44 | 54 | 37 | 38 | 52 | 52 | 46 | 59 | 32 | 41 | 42 | | | | 43.3 |
| | MIN | 37 | 40 | 23 | 16 | 19 | 32 | 31 | 32 | 38 | 40 | 35 | 32 | 29 | 24 | 36 | 33 | 35 | 35 | 32 | 26 | 22 | 32 | 33 | 33 | 23 | 15 | 27 | 30 | | | | 30.0 |
| CAPE MAY 1 NW | MAX | 38 | 55 | 49 | 49 | 26 | 36 | 41 | 40 | 40 | 47 | 47 | 42 | 38 | 38 | 39 | 39 | 36 | 38 | 43 | 54 | 37 | 37 | 55 | 43 | 54 | 58 | 34 | 42 | | | | 42.7 |
| | MIN | 23 | 35 | 40 | 13 | 12 | 26 | 27 | 24 | 27 | 38 | 33 | 32 | 26 | 21 | 21 | 34 | 31 | 33 | 33 | 25 | 23 | 23 | 34 | 27 | 34 | 12 | 13 | 29 | | | | 26.8 |
| LONG BRANCH 2S | MAX | 55 | 50 | 53 | 40 | 34 | 38 | 41 | 38 | 39 | 45 | 43 | 38 | 35 | 27 | 37 | 35 | 37 | 39 | 48 | 38 | 36 | 58 | 50 | 54 | 59 | 36 | 43 | 41 | | | | 42.4 |
| | MIN | 30 | 33 | 40 | 10 | 5 | 32 | 25 | 24 | 30 | 37 | 36 | 26 | 27 | 15 | 23 | 29 | 25 | 27 | 32 | 18 | 16 | 26 | 33 | 21 | 36 | 10 | 15 | 29 | | | | 25.4 |
| SANDY HOOK | MAX | 43 | 46 | 50 | 41 | 31 | 36 | 40 | 38 | 38 | 43 | 43 | 38 | 34 | 32 | 32 | 33 | 36 | 39 | 42 | 41 | | | | | | 45 | 26 | 38 | | | | 38.5 |
| | MIN | 33 | 35 | 40 | 14 | 12 | 31 | 29 | 28 | 32 | 36 | 37 | 29 | 27 | 18 | 22 | 30 | 28 | 30 | 34 | 23 | 22 | | | | | 17 | 13 | 23 | | | | 26.8 |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | Standard of Time EASTERN 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 27 | 5.8 | 12.8 | 35++ | 17 | 02 | 75 | 75 | 58 | 65 | 3 | 2 | 5 | 2 | 0 | 0 | 12 | 49 | 6.0 |
| ATLANTIC CITY ST. MARINA | - | - | - | 37 | SSW | 02 | - | - | - | - | 0 | 3 | 5 | 1 | 1 | 0 | 10 | - | - |
| NEWARK WB AIRPORT | 28 | 5.2 | 11.7 | 35++ | 23 | 22 | 72 | 74 | 56 | 64 | 7 | 2 | 3 | 1 | 1 | 0 | 14 | - | 6.1 |
| TRENTON WB CITY | - | - | - | 40 | S | 02 | - | - | - | - | 6 | 4 | 2 | 3 | 0 | 0 | 15 | 52 | 5.5 |

# SNOWFALL AND SNOW ON GROUND

NEW JERSEY
FEBRUARY 1970

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | | | | | | T | | | T | T | | T | T | T | 3.0 | T | | | T | | T | | | | | | | T | | | |
| | SN ON GND | 5 | 4 | 1 | T | T | T | T | T | T | T | T | | T | | 3 | 3 | 3 | 1 | T | | | | | | | | | | | | |
| CHARLOTTEBURG | SNOWFALL | | | | 1.0 | | .5 | | | | T | | | .5 | | 2.5 | .5 | | | | | | | | | | | | T | | | |
| | SN ON GND | 7 | 6 | 6 | 6 | 5 | 4 | 2 | T | T | T | | | 1 | | 2 | 3 | 2 | 2 | 1 | T | T | T | T | | | | | | | | |
| FLEMINGTON 1 NE | SNOWFALL | | | | .5 | | .5 | | | T | | | | .3 | | 2.0 | 3.5 | | | | | | | | | | | | | | | |
| | SN ON GND | T | T | | 1 | T | 1 | | | T | | | | T | | 2 | 5 | 5 | 2 | T | | | | | | | | | | | | |
| LAMBERTVILLE | SNOWFALL | | | | .5 | | | | | T | | | | T | 2.0 | 1.0 | | | | | T | | | | | T | | | | | | |
| | SN ON GND | T | T | | T | | | | | | | | | | 2 | 3 | 2 | 1 | T | | | | | | | | | | | | | |
| LITTLE FALLS | SNOWFALL | | | | 1.5 | | 1.0 | | | | | | | .3 | | 3.0 | .5 | | | | | | | | | | | | | | | |
| | SN ON GND | 2 | 1 | T | 2 | 1 | 2 | 1 | 1 | T | | | | T | | 3 | 4 | 3 | 3 | 1 | | | | | | | | | | | | |
| LONG VALLEY | SNOWFALL | | | | 1.0 | | T | | | | | | | T | | 5.0 | | | | | | | | | | | | | | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| MORRIS PLAINS 1 W | SNOWFALL | | | | 1.0 | | .5 | | | T | T | | T | .5 | | 2.5 | .5 | | | | | T | T | | | T | | | | | | |
| | SN ON GND | 3 | | | 1 | 1 | 1 | T | | | | | | 1 | T | 3 | 3 | 3 | 2 | | | | | | | | | | | | | |
| NEWARK WB AIRPORT | SNOWFALL | | | .4 | .9 | T | .1 | | | T | | | | T | 1.3 | 2.8 | | | | | T | | | | | | | T | | | | |
| | SN ON GND | T | | | 1 | 1 | 1 | T | T | T | | | | T | | 3 | 4 | 2 | 2 | 1 | T | T | | | | | | | | | | |
| | WTR EQUIV | | | | | | | | | | | | | | | .3 | .4 | .3 | .2 | | | | | | | | | | | | | |
| NEWTON | SNOWFALL | | | | T | | .3 | | | T | | | | T | | 2.0 | .5 | | | | | | | | | | | | T | | | |
| | SN ON GND | 7 | 6 | 1 | T | T | T | T | T | T | T | | | T | | 2 | 2 | 2 | 2 | T | | | | | | | | | | | | |
| PATERSON | SNOWFALL | | | | 2.3 | | .3 | | | | | | | .3 | T | 2.9 | .8 | | | | | T | | | | | | | T | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| PHILLIPSBURG | SNOWFALL | | | | | | | | | | | | | | | 3.0 | T | | | | | | | | | | | | | | | |
| | SN ON GND | | T | T | T | T | T | | | | | | | | | 3 | 3 | 3 | 3 | T | T | | | | | | | | | | | |
| PLAINFIELD | SNOWFALL | | | T | 2.0 | | T | | | | | | | T | .5 | 2.5 | | | | | T | | | | | | | | | | | |
| | SN ON GND | | | | 2 | 2 | 1 | | | | | | | | 1 | 3 | 3 | 2 | 1 | | | | | | | | | | | | | |
| RAHWAY | SNOWFALL | | | 1.0 | .7 | | | | | | | | | T | 2.1 | .9 | | | | | | | | | | | | | | | | |
| | SN ON GND | | | 1 | 2 | T | | | | | | | | T | 2 | 3 | 2 | 1 | 1 | T | | | | | | | | | | | | |
| SOMERVILLE | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | 2.0 | | | | | T | T | | | | | | | T | | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 2 | 2 | 2 | 1 | T | | | | | | | | | | | | |
| WANAQUE RAYMOND DAM | SNOWFALL | | | | | T | .5 | | | | | | | T | | 3.0 | 3.0 | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | T | 1 | | | | | | | T | | 3 | 3 | 2 | | | | | | | | | | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | SNOWFALL | | | .9 | 1.8 | | | | | | | .2 | | | 2.6 | .4 | | | | | T | | | | | | | | | | | |
| | SN ON GND | | | | 2 | 2 | T | T | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| | WTR EQUIV | | | | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BASS RIVER ST FOREST | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| FREEHOLD | SNOWFALL | | | | 2.5 | | T | | | | | | | | | 2.5 | | | | | | T | | | | | | | | | | |
| | SN ON GND | T | T | | 3 | 2 | 1 | T | T | T | | | | | | 3 | 1 | | | | | T | | | | | | | | | | |
| HIGHTSTOWN 1 N | SNOWFALL | | | | 1.0 | | T | | | | | T | | .3 | 1.3 | 1.7 | | | | | T | | | | | T | | | T | | | |
| | SN ON GND | | | | 1 | 1 | T | | | | | | | | 1 | 2 | 2 | 1 | T | | | | | | | | | | | | | |
| INDIAN MILLS 2 W | SNOWFALL | | | | 1.5 | | | | | - | | | | T | 1.0 | 1.0 | | | | | T | | | | | | | | | | | |
| | SN ON GND | | | | 1 | T | | | | - | | | | | 1 | T | T | | | | | | | | | | | | | | | |
| MAYS LANDING 1 W | SNOWFALL | | | | 1.6 | | | | | | | | | | | 3.0 | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | 2 | 2 | 1 | T | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| MILLVILLE | SNOWFALL | | | | 1.5 | | | | | | | T | | | | 2.0 | | | | | | | | | | | | | | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| MILLVILLE FAA AIRPORT | SNOWFALL | | | T | T | | | | | | T | T | | | 1.0 | | | | | | T | | | | | T | | | | | | |
| | SN ON GND | | | | T | T | | | | | | T | | | 1 | | | | | | | | | | | | | | | | | |
| MOORESTOWN | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| NEW BRUNSWICK | SNOWFALL | | | | 1.8 | | T | | | | | | | .1 | | 2.5 | .4 | | | | | T | | T | | | | | | | | |
| | SN ON GND | T | | | 2 | 2 | 2 | | | | | | | T | | 3 | 2 | 2 | 1 | T | | | | | | | | | | | | |
| PEMBERTON 3 E | SNOWFALL | | | | 1.0 | | | | | | | | | | .5 | 1.5 | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | 1 | T | | | | | | | | | 1 | 1 | T | | | | | | | | | | | | | | | |
| SEABROOK FARMS | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| TRENTON WB CITY | SNOWFALL | | | 1.0 | T | T | T | | | T | | | | .3 | 2.0 | 1.0 | | | | | .1 | | | | | | | | | | | |
| | SN ON GND | | | | 1 | T | T | T | | T | | | | T | | 3 | 1 | 1 | T | | | | | | | | | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2S | SNOWFALL | | | T | 2.0 | | T | | | | | | | .1 | .8 | 2.3 | | | | | .1 | | | | | | | | | | | |
| | SN ON GND | | | | 2 | 2 | T | T | T | T | | | | | 1 | 2 | 1 | 1 | T | | | | | | | | | | | | | |

See Reference Notes Following Station Index

# DAILY SOIL TEMPERATURES

NEW JERSEY
FEBRUARY 1970

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 34 | 35 | 34 | 33 | 33 | 34 | 34 | 34 | 34 | 35 | 35 | 34 | 33 | 33 | 33 | 33 | 33 | 34 | 34 | 33 | 33 | 34 | 34 | 34 | 33 | 33 | 34 | 34 | | | | 33.7 |
| | | MIN | 32 | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 34 | 34 | 33 | 33 | 32 | 32 | 32 | 32 | 32 | 33 | 31 | 31 | 31 | 33 | 33 | 32 | 31 | 31 | 32 | | | | 32.5 |
| | 2 | MAX | 34 | 35 | 34 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 33 | 33 | 34 | 34 | 34 | 33 | 33 | 34 | 34 | | | | 33.6 |
| | | MIN | 32 | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 34 | 34 | 33 | 33 | 32 | 33 | 32 | 32 | 32 | 33 | 32 | 32 | 32 | 33 | 33 | 32 | 32 | 32 | 32 | | | | 32.7 |
| | 4 | MAX | 34 | 34 | 34 | 34 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 33 | 34 | 34 | 34 | 33 | 34 | 33 | 34 | 33 | 33 | 34 | | | | 33.7 |
| | | MIN | 33 | 34 | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 34 | 33 | 33 | 32 | 33 | 33 | 32 | 32 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | | | | 33.0 |
| | 8 | MAX | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 34 | 34 | 34 | 34 | 34 | | | | 34.0 |
| | | MIN | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 32 | 33 | 33 | 33 | 33 | 34 | 33 | 34 | 34 | 34 | 33 | 33 | 33 | 34 | 34 | | | | 33.6 |
| | 20 | MAX | 36 | 37 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | | | | 36.0 |
| | | MIN | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 35 | 35 | 36 | 35 | 35 | 35 | 35 | 36 | 35 | 35 | 35 | 35 | 35 | | | | 35.6 |
| | 40 | MAX | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 38 | 38 | 38 | 39 | 39 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | | | | 38.3 |
| | | MIN | 39 | 38 | 39 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 37 | 37 | 38 | 38 | 38 | 37 | 37 | 37 | 37 | | | | 37.9 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 34 | 34 | 34 | 34 | 33 | 34 | 34 | 34 | 34 | 36 | 36 | 34 | 34 | 33 | 33 | 33 | 33 | 33 | 34 | 34 | 34 | 35 | 34 | 34 | 33 | 34 | 34 | 34 | | | | 33.9 |
| | | MIN | 33 | 34 | 34 | 28 | 28 | 33 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 32 | 33 | 33 | 32 | 31 | 33 | 24 | 24 | 29 | 34 | 33 | 33 | 26 | 28 | 33 | | | | 31.6 |
| | 2 | MAX | 34 | 34 | 34 | 34 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 33 | 33 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 34 | 34 | 34 | | | | 33.8 |
| | | MIN | 33 | 34 | 34 | 29 | 28 | 33 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 32 | 33 | 33 | 32 | 31 | 33 | 25 | 25 | 29 | 34 | 33 | 33 | 28 | 28 | 33 | | | | 31.8 |
| | 4 | MAX | 34 | 34 | 34 | 34 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 33 | 33 | 34 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 34 | 34 | 34 | | | | 33.8 |
| | | MIN | 33 | 34 | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 32 | 33 | 32 | 32 | 33 | 33 | 33 | 32 | 33 | 32 | 32 | 33 | 34 | 33 | 33 | 33 | 33 | 33 | | | | 32.9 |
| | 8 | MAX | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 34 | 34 | 34 | | | | 34.0 |
| | | MIN | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 33 | 33 | 34 | 33 | 33 | | | | 33.5 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# STATION INDEX

NEW JERSEY
FEBRUARY 1970

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | R 0323 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0540 | 02 | CAMDEN | 2 | 39 53 | 75 03 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 50 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 50 | 3P | 4P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 S | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 24 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 35 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 43 | 580 | | 7A | | | ALBERT H. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 03 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | RA | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | RA | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL H. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 53 | 200 | | RA | | | ANDREW P DROPPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 73 | 5P | 5P | | | UNION COLLEGE |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | RA | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3682 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A | | | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4359 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4750 | 01 | SUSSEX | 2 | 41 13 | 74 52 | 400 | 8A | 8A | | | ROBERT WELSH |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 130 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 23 | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 4 | 41 04 | 74 10 | 233 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5232 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5340 | 02 | ATLANTIC | 3 | 39 27 | 74 43 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5570 | 02 | CUMBERLAND | [illegible] | 39 24 | 75 05 | 72 | 9A | 9A | | H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | [illegible] | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 930 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | RA | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | RA | | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT | R 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | GH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 43 | 565 | 8A | 8A | | H | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6773 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | RA | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 565 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | [illegible] | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7883 | 02 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7950 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8031 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 33 | 74 37 | 90 | 6P | 6P | | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWRENCE PASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | [illegible] | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT H. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 105 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 30 | 5P | 5P | | | CREAM VALLEY DAIRY |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

  No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing. If average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset

VAR This entry in time of observation column in Station Index means variable

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-4/3/70-920

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY

MARCH 1970

Volume 75 No. 3

THE LIBRARY OF THE
MAY 25 1970
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 44.8 | 24.1 | 34.5 | -4.8 | 66 | 27 | 9 | 30 | 940 | 0 | 0 | 28 | 0 | 3.47 | -.61 | 1.20 | 30 | 13.6 | 12 | 30 | 7 | 3 | 1 |
| BOONTON 1 SE | 43.9 | 27.0 | 35.5 | -1.8 | 63 | 27 | 12 | 30 | 909 | 0 | 0 | 24 | 0 | 3.37 | -.49 | .86 | 30 | 12.5 | 9 | 30 | 8 | 1 | 0 |
| CANOE BROOK | 44.6 | 24.5 | 34.6 | -3.0 | 60 | 27 | 14 | 1 | 938 | 0 | 0 | 27 | 0 | 4.25 | -.05 | 1.48 | 30 | 5.5 | 4 | 31+ | 8 | 3 | 1 |
| CHARLOTTEBURG | 40.5 | 22.9 | 31.7 | -4.9 | 60 | 27 | 12 | 31+ | 1025 | 0 | 3 | 29 | 0 | 3.71 | -.76 | 1.10 | 30 | 13.3 | 10 | 30 | 7 | 2 | 1 |
| CRANFORD | 47.0 | 29.1 | 38.1 | | 65 | 26 | 18 | 9+ | 828 | 0 | 0 | 21 | 0 | 3.67 | | .87 | 29 | 5.2 | 4 | 29 | 9 | 3 | 0 |
| ELIZABETH | | | | | | | | | | | | | | | | | | | | | | | |
| ESSEX FELLS SERV BLDG | 44.1 | 25.7 | 34.9 | | 62 | 27 | 12 | 30 | 927 | 0 | 0 | 26 | 0 | 2.64 | | .59 | 13 | 11.8 | 8 | 30 | 7 | 1 | 0 |
| FLEMINGTON 1 NE | 43.6M | 25.6 | 34.6M | -5.5 | 67 | 27 | 13 | 30 | 932 | 0 | 1 | 26 | 0 | 3.22 | -.77 | .95 | 30 | 8.0 | 5 | 30 | 10 | 2 | 0 |
| HIGH POINT PARK | 38.9 | 23.6 | 31.3 | | 57 | 27 | 10 | 30 | 1037 | 0 | 7 | 28 | 0 | 0 4.37 | | 1.15 | 30 | 16.8 | 10 | 30 | 7 | 5 | 1 |
| JERSEY CITY | 43.7 | 32.5 | 38.1 | -1.7 | 54 | 26+ | 20 | 9 | 827 | 0 | 0 | 13 | 0 | 2.35 | -1.68 | .48 | 26 | | | | 7 | 0 | 0 |
| LAMBERTVILLE | 46.6 | 28.3 | 37.5 | -2.3 | 69 | 26 | 15 | 30 | 846 | 0 | 0 | 21 | 0 | 3.68 | -.38 | 1.24 | 29 | 2.0 | 3 | 29 | 11 | 1 | 1 |
| LAYTON 2 | 41.7 | 22.5 | 32.1 | | 60 | 27 | 7 | 30 | 1012 | 0 | 3 | 30 | 0 | 3.25 | | .70 | 23 | 19.5 | 13 | 30 | 7 | 3 | 0 |
| LITTLE FALLS | 44.6 | 28.5 | 36.6 | -2.7 | 62 | 27 | 15 | 30 | 875 | 0 | 1 | 24 | 0 | 3.78 | -.52 | 1.04 | 30 | 11.9 | 9 | 30 | 8 | 2 | 1 |
| LONG VALLEY | 42.0 | 23.1 | 32.6 | | 62 | 27 | 12 | 31+ | 996 | 0 | 2 | 30 | 0 | 3.78 | -.50 | 1.17 | 30 | | | | 9 | 1 | 1 |
| MORRIS PLAINS 1 W | 43.7 | 25.4 | 34.6 | | 63 | 27 | 14 | 30+ | 938 | 0 | 1 | 27 | 0 | 3.48 | | .86 | 30 | 11.5 | 7 | 31 | 8 | 2 | 0 |
| NEWARK WB AIRPORT R | 46.2 | 31.8 | 39.0 | -1.5 | 63 | 26 | 21 | 10 | 796 | 0 | 0 | 14 | 0 | 3.42 | -.67 | .68 | 29 | 4.3 | 4 | 30 | 9 | 1 | 0 |
| NEWTON | 42.2 | 23.6 | 32.9 | -3.5 | 62 | 27 | 5 | 30 | 984 | 0 | 1 | 30 | 0 | 2.98 | -.47 | .84 | 30 | 19.0 | 10 | 30 | 8 | 2 | 0 |
| PATERSON | 45.3 | 29.3 | 37.3 | -2.2 | 59 | 27 | 19 | 30+ | 852 | 0 | 0 | 21 | 0 | 4.40 | -.05 | 1.46 | 30 | 12.8 | | | 8 | 3 | 1 |
| PHILLIPSBURG | 45.1 | 25.8 | 35.5 | -3.7 | 67 | 27 | 12 | 30 | 908 | 0 | 0 | 27 | 0 | 3.77 | -.32 | .99 | 30 | 8.0 | 7 | 30 | 8 | 3 | 0 |
| PLAINFIELD | 46.1 | 28.2 | 37.2 | -2.7 | 66 | 26 | 13 | 30 | 858 | 0 | 0 | 24 | 0 | 4.28 | -.03 | 1.35 | 29 | 6.0 | 4 | 30+ | 12 | 1 | 1 |
| SOMERVILLE | 45.8 | 25.0 | 35.4 | -4.1 | 66 | 27 | 14 | 10+ | 908 | 0 | 0 | 27 | 0 | 3.75 | -.22 | 1.26 | 30 | 6.5 | 5 | 30 | 7 | 2 | 1 |
| SUSSEX 1 SE | 40.9 | 20.3 | 30.6 | -6.4 | 62 | 27 | 2 | 30 | 1058 | 0 | 2 | 31 | 0 | 3.62 | .22 | 1.33 | 30 | 7.4 | | | 8 | 2 | 1 |
| DIVISION | | | 35.0 | -3.6 | | | | | | | | | | 3.58 | -.52 | | | 10.3 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 45.8 | 30.6 | 38.2 | -2.9 | 60 | 26 | 17 | 10 | 820 | 0 | 0 | 20 | 0 | 3.11 | -.80 | .62 | 26 | T | 0 | | 8 | 2 | 0 |
| AUDUBON | 47.6 | 31.5 | 39.6 | | 71 | 26 | 22 | 1 | 783 | 0 | 0 | 15 | 0 | 4.64 | | 1.25 | 29 | 1.0 | 1 | 29 | 8 | 4 | 1 |
| BELLEPLAIN ST FOREST | 49.5 | 29.3 | 39.4 | | 67 | 26 | 15 | 1 | 788 | 0 | 0 | 19 | 0 | 3.81 | -.61 | .93 | 29 | | | | 10 | 2 | 0 |
| BURLINGTON | M | 30.3M | M | | 71 | 26 | | | | 0 | 0 | | 0 | | | 1.05 | 23 | | | | 6 | 2 | 1 |
| CHATSWORTH | 47.4M | 27.7M | 37.6M | | 59 | 26+ | 15 | 15+ | 847 | 0 | 0 | 20 | 0 | 3.94 | | .86 | 27 | | | | 10 | 3 | 0 |
| FREEHOLD | 43.9 | 28.4 | 36.2 | -3.8 | 64 | 27 | 17 | 30 | 887 | 0 | 0 | 23 | 0 | 4.47 | .23 | 1.00 | 30 | 2.0 | 1 | 30 | 9 | 5 | 1 |
| GLASSBORO | 45.9 | 31.0 | 38.5 | | 68 | 27 | 23 | 9+ | 814 | 0 | 0 | 16 | 0 | 3.18 | | 1.05 | 30 | .2 | T | 29 | 7 | 1 | 1 |
| HAMMONTON 2 NNE | 47.7 | 29.3 | 38.5 | -3.4 | 69 | 27 | 19 | 1 | 813 | 0 | 0 | 21 | 0 | 3.60 | -.66 | .61 | 30 | | | | 8 | 2 | 0 |
| HIGHTSTOWN 1 N | 45.7 | 28.9 | 37.3 | -2.9 | 69 | 26 | 17 | 30 | 852 | 0 | 0 | 22 | 0 | 4.12 | .30 | .98 | 29 | 4.2 | 1 | 30+ | 13 | 1 | 0 |
| INDIAN MILLS 2 W | 46.4 | 27.9 | 37.2 | -3.5 | 70 | 26 | 14 | 1 | 856 | 0 | 0 | 22 | 0 | 4.08 | -.20 | 1.18 | 29 | .3 | T | 29 | 12 | 1 | 1 |
| MILLVILLE | M | M | M | | | | | | | 0 | 0 | | 0 | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | 46.4 | 29.5 | 38.0 | | 64 | 26 | 17 | 1 | 829 | 0 | 0 | 23 | 0 | 4.46 | | 1.36 | 29 | T | 0 | | 8 | 3 | 1 |
| MOORESTOWN | 47.3 | 30.5 | 38.9 | -1.8 | 70 | 27+ | 20 | 10+ | 801 | 0 | 0 | 18 | 0 | | | 1.01 | 23 | | | | 5 | 2 | 1 |
| NEW BRUNSWICK | 44.1 | 28.7 | 36.4 | -3.8 | 65 | 27 | 17 | 30 | 879 | 0 | 1 | 22 | 0 | 4.10 | .35 | .76 | 30 | 5.8 | 3 | 31 | 9 | 3 | 0 |
| PEMBERTON 3 E | 46.9 | 27.9 | 37.4 | -4.2 | 69 | 26 | 17 | 1 | 847 | 0 | 0 | 24 | 0 | 4.30 | .45 | 1.03 | 29 | 1.1 | T | 18 | 11 | 3 | 1 |
| SEABROOK FARMS | 46.3 | 30.0 | 38.2 | | 68 | 27 | 18 | 1 | 823 | 0 | 0 | 16 | 0 | 3.98 | | 1.03 | 30 | | | | 9 | 2 | 1 |
| SHILOH | 47.1 | 30.1 | 38.6 | -3.6 | 65 | 26 | 20 | 1 | 813 | 0 | 0 | 18 | 0 | 2.87 | -.89 | 1.04 | 29 | | | | 8 | 1 | 1 |
| TOMS RIVER | 45.6 | 28.4 | 37.0 | | 62 | 27 | 19 | 16+ | 858 | 0 | 0 | 22 | 0 | 4.81 | | 1.12 | 30 | .5 | T | 29+ | 8 | 5 | 1 |
| TRENTON WB CITY R | 44.3 | 31.2 | 37.8 | -2.9 | 69 | 26 | 20 | 30 | 836 | 0 | 0 | 14 | 0 | 3.60 | -.24 | 1.08 | 29 | 2.4 | 1 | 30 | 8 | 1 | 1 |
| TUCKERTON | 46.5 | 29.4 | 38.0 | | 60 | 26 | 18 | 1 | 832 | 0 | 0 | 21 | 0 | 3.96 | | .92 | 29 | .1 | T | 29 | 10 | 2 | 0 |
| WOODSTOWN | 47.8 | 29.8 | 38.8 | | 68 | 26 | 20 | 1 | 806 | 0 | 0 | 18 | 0 | 3.63 | | 1.08 | 29 | | T | 29 | 9 | 2 | 1 |
| DIVISION | | | 38.0 | -2.9 | | | | | | | | | | 3.93 | -.16 | | | 1.5 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 47.0 | 35.0 | 41.0 | -.1 | 56 | 25 | 26 | 10+ | 736 | 0 | 0 | 11 | 0 | 3.26 | -.75 | .51 | 29 | | | | 8 | 1 | 0 |
| CAPE MAY 1 NW | 45.4 | 31.9 | 38.7 | | 55 | 27+ | 22 | 1 | 808 | 0 | 0 | 15 | 0 | 4.07 | | 1.10 | 30 | | | | 9 | 2 | 1 |
| LONG BRANCH 2S | 44.8 | 30.2 | 37.5 | -2.3 | 54 | 27+ | 19 | 9+ | 844 | 0 | 0 | 19 | 0 | 5.12 | .75 | 1.42 | 29 | 2.5 | 1 | 29 | 13 | 2 | 1 |
| SANDY HOOK | 42.1M | 32.9 | 37.5M | | 53 | 27 | 26 | 30+ | 846 | 0 | 1 | 13 | 0 | 0 4.62 | | 1.66 | 31 | 2.0 | 1 | 30+ | | | 1 |
| DIVISION | | | 38.7 | -1.8 | | | | | | | | | | 4.27 | .34 | | | 2.3 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>2 STATIONS | 71 | DATE | 26 |
| LOWEST TEMPERATURE<br>SUSSEX 1 SE | 2 | DATE | 30 |
| GREATEST TOTAL PRECIPITATION<br>LONG BRANCH 2S | 5.12 | | |
| LEAST TOTAL PRECIPITATION<br>MAHWAH | 2.26 | | |
| GREATEST 1 DAY PRECIPITATION<br>SANDY HOOK | 1.66 | DATE | 31 |
| GREATEST TOTAL SNOWFALL<br>LAYTON 2 | 19.5 | | |
| GREATEST DEPTH OF SNOW<br>LAYTON 2 | 13 | DATE | 30 |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

NEW JERSEY
MARCH 1970

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 3.47 | | T | T | | .25 | T | | T | | | | | .58 | T | | T | | | .28 | | .25 | | .57 | T | T | | .31 | | | 1.20 | .03 | • |
| BERNARDSVILLE 2 E | 3.80 | | | T | | .33 | | | | | | | | .58 | .04 | | | | | .49 | | .30 | | .55 | | | | .37 | | | 1.10 | .04 | • |
| BLACKWELLS MILLS | 3.97 | | | | | .37 | .01 | | | | | | | .48 | .02 | | | | | .50 | | .43 | | .40 | | | | .40 | | | 1.28 | .08 | • |
| BOONTON 1 SE | 3.37 | | T | | | .29 | | | T | T | | | | .49 | T | T | T | | T | .36 | T | .34 | T | .43 | T | | T | .44 | | T | .86 | .16 | • |
| BOUND BROOK 2 W | 3.81 | | | | | .32 | | | | | | | | .64 | | | | | | .45 | | .33 | | .45 | | | T | .32 | | .05 | 1.16 | .09 | • |
| BRANCHVILLE | 2.85 | | .01 | | | .16 | | | T | | | | | .48 | T | | | | | .29 | | .39 | | .34 | | | | .40 | | | .78 | T | • |
| CANISTEAR RESERVOIR | 2.91 | | .03 | | | .15 | | | | | | | | .45 | .05 | | | | | .38 | | .28 | | .55 | | | | .33 | | | .64 | .05 | • |
| CANOE BROOK | 4.25 | | T | | | .30 | T | | .02 | | | | | .61 | T | | | | | .39 | | .36 | | .48 | | | | .50 | | | 1.48 | .11 | • |
| CHARLOTTEBURG | 3.71 | | .04 | | | .26 | T | | | | | | | .47 | .06 | | | | | .27 | | .34 | | .64 | | | | .48 | | | 1.10 | .05 | • |
| CLINTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | • |
| CRANFORD | 3.67 | | T | | T | .33 | | | T | | | | T | .54 | | | | | .22 | | .06 | .53 | .13 | .34 | T | | .01 | .49 | | .87 | T | .15 | • |
| ELIZABETH | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | • |
| ESSEX FELLS SERV BLDG | 2.64 | | .17 | T | | .05 | | | | | | | | .59 | | | | | | .34 | | .36 | | .40 | | | | .42 | | .08 | .23 | | • |
| FLEMINGTON 1 NE | 3.22 | | | | | .28 | | | | | | | | .53 | .10 | | .04 | | .10 | .35 | | .15 | | .30 | | | | .21 | | .12 | .95 | .09 | • |
| GREENWOOD LAKE | 3.60 | | .03 | | | .25 | | | | | | | | .52 | .05 | | | | | .30 | | .25 | | .62 | | | | .48 | | | 1.00 | .10 | • |
| HIGH POINT PARK | D 4.37 | | T | | | T | | | T | | | | | .56 | | | | | | .74 | | .46 | T | .71 | | | | .65 | | | 1.15D | .10 | • |
| JERSEY CITY | 2.35 | | .01 | | .29 | T | | .01 | | | | | .35 | .20 | | | | | .06 | | .35 | | .36 | T | | | .48 | | | .24 | | | • |
| LAMBERTVILLE | 3.68 | | | | T | .30 | | | | | | | .22 | .29 | | | | | .32 | | .22 | .20 | .27 | .10 | | | | .40 | | 1.24 | T | .12 | • |
| LAYTON 2 | 3.25 | | .01 | | T | .19 | .02 | | | | | | | .58 | T | T | | | T | .26 | | .39 | | .70 | | | .01 | .45 | | T | .57 | .07 | • |
| LITTLE FALLS | 3.78 | | T | | | .32 | | | T | | | | | .53 | T | | | | | .32 | | .41 | | .46 | | | | .43 | | .09 | 1.04 | .18 | • |
| LONG VALLEY | 3.78 | | | | | .25 | | | | | | | | .43 | .04 | | | | | .36 | | .35 | | .42 | | | | .37 | | .29 | 1.17 | .10 | • |
| MAHWAH | 2.26 | | T | | | .28 | | | | | | | | .49 | .01 | | | | | .25 | | .28 | | .10 | | | | .41 | | | .39 | .05 | • |
| MIDLAND PARK | 2.35 | | | | .26 | .02 | | | | | | | .33 | T | | | | | .16 | T | .15 | | .12 | | | | .24 | | | .90 | T | .17 | • |
| MILTON | 3.98 | | | .04 | .06 | .18 | | | .01 | | | | | .50 | .12 | | | | | .30 | | .35 | | .54 | | | | .58 | | | 1.20 | .10 | • |
| MORRIS PLAINS 1 W | 3.48 | | .02 | | | .37 | T | | .02 | | | | | .42 | .03 | | T | | T | .39 | | .32 | | .55 | T | T | | .37 | | T | .86 | .13 | • |
| NEWARK WB AIRPORT R | 3.42 | | T | | .40 | T | T | .01 | | | | | .35 | .11 | T | | | | .43 | T | .39 | .01 | .42 | .01 | T | | .41 | T | | .68 | T | .20 | • |
| NEW MILFORD | 3.40 | | | | .30 | .05 | | | | | | | .39 | .14 | .04 | | | | .28 | | .43 | | .30 | .07 | | | .29 | | | .87 | | .24 | • |
| NEWTON | 2.98 | | .02 | | | .21 | | | T | | | | | .51 | T | | | | | .31 | | .33 | | .34 | | | | .26 | | | .84 | .16 | • |
| OAK RIDGE RESERVOIR | - | | .03 | | | .16 | | | | | | | | .54 | .06 | | | | | .29 | | .33 | | .55 | | | | .49 | | | 1.09 | - | • |
| PATERSON | 4.40 | | T | | | .38 | | T | .03 | | | | | .58 | T | | | | | .37 | | .46 | | .52 | T | T | | .34 | | .02 | 1.46 | .24 | • |
| PHILLIPSBURG | 3.77 | | | | | .24 | | | .03 | | | | | .62 | | | | | | .43 | | .32 | | .60 | | | | | .44 | T | .99 | .10 | • |
| PLAINFIELD | 4.28 | | T | | .10 | .27 | | | | | | | .27 | .34 | | | | | .31 | .14 | .32 | .07 | .41 | .12 | T | | T | .37 | | 1.35 | | .21 | • |
| POTTERSVILLE 2 NNW | 3.97 | | T | | | .32 | | | .02 | | | | | .51 | | | | | | .26 | | .45 | | .38 | T | | | .42 | | | 1.47 | .14 | • |
| RAHWAY | 3.58 | | | | .40 | .01 | | | | | | | .48 | .09 | | | | | .47 | .03 | .38 | | .37 | | | | | | .42 | .73 | | .20 | • |
| RINGWOOD | 3.47 | | T | | | .25 | | | | | | | | .47 | T | | | | | .24 | | .27 | | .50 | | | | .44 | T | | .90 | .40 | • |
| SOMERVILLE | 3.75 | | T | T | | .31 | | | | | | | T | .64 | .01 | | T | | T | .39 | T | .34 | T | .48 | | | | .32 | | T | 1.26 | T | • |
| SPLIT ROCK POND | 3.66 | | .03 | | | .25 | | | | | | | | .50 | | | | | | .34 | .34 | .20 | | .55 | | | | .51 | | | .79 | .15 | • |
| SUSSEX 1 SE | 3.62 | | T | | | .18 | | | T | | | | | .54 | .03 | | | | | .28 | | .38 | | .37 | .01 | | | .34 | | | 1.33 | .16 | • |
| WANAQUE RAYMOND DAM | 2.99 | | .02 | | | .25 | | | | | | | | .45 | | | | | | .25 | | .30 | | .46 | T | | | .42 | | | .74 | .10 | • |
| WERTSVILLE | 3.64 | | T | | | .30 | | | | | | | .02 | .61 | .02 | | | | | .39 | | .38 | | .30 | | | | .35 | | T | 1.23 | .04 | • |
| WEST WHARTON | 3.59 | | T | | | .23 | T | | .01 | | | | | .46 | T | | | | | .32 | | .29 | | .64 | | | | .58 | | | .97 | .09 | • |
| WOODCLIFF LAKE | 3.51 | | | | .25 | .05 | | | | | | | .42 | .18 | | | | | .30 | | .32 | .03 | .30 | .03 | | | .32 | .03 | | .93 | | .35 | • |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 3.11 | | T | T | .23 | .02 | T | | | | | | .37 | T | T | | | | .17 | | .53 | | .44 | | | | .62 | | | .47 | T | .26 | • |
| AUDUBON | 4.64 | | | T | .48 | | | | | | | | .52 | T | | | | | .48 | | .66 | | .45 | T | | | .50 | | | 1.25 | | .30 | • |
| BASS RIVER ST FOREST | 4.34 | | | | | .35 | | | | | | | | .56 | | | | | | .30 | | .49 | | .74 | | | | .59 | | | .97 | .34 | • |
| BELLEPLAIN ST FOREST | 3.81 | | | | T | .27 | | | | | | | .15 | .40 | | | | | .06 | .11 | .10 | .31 | .39 | .04 | | | | .57 | | .93 | | .48 | • |
| BURLINGTON | - | | | | .01 | .40 | | | | | | | | | | | | | .35 | .55 | | | T | 1.05 | | | | .03 | .45 | .08 | .37 | - | • |
| CANTON | 3.39 | | | | | .44 | | | | | | | | .25 | | | | | .22 | | | .45 | .35 | | | | | .40 | | | .89 | .39 | • |
| CHATSWORTH | 3.94 | | | | | .32 | | | | | | | | .30 | | | | | .22 | .30 | .20 | .55 | .02 | | | .03 | .53 | .86 | .17 | | .44 | | • |
| FORTESCUE | 3.40 | | | | | .36 | | | | | | | | .40 | | | | | | .25 | | .32 | | .35 | | | | .47 | | | .85 | .40 | • |
| FREEHOLD | 4.47 | | T | | | .36 | | | T | | | | .02 | .50 | .01 | | | | | .59 | T | .55 | T | .42 | | .01 | | .57 | | .13 | 1.00 | .31 | • |
| GLASSBORO | 3.18 | | T | | | .45 | | | | | | | | | | | | | .25 | .06 | .35 | | | .46 | | | | .25 | | T | 1.05 | .31 | • |
| HAMMONTON 2 NNE | 3.60 | | | | | .43 | | | | | | | | .32 | | | | | T | .37 | | .46 | .05 | .52 | T | T | | .47 | | | .61 | .37 | • |
| HIGHTSTOWN 1 N | 4.12 | | T | | T | .46 | | T | | | | | .22 | .30 | | | | | .32 | .26 | .26 | .20 | .17 | .12 | T | | T | .42 | | .98 | .22 | .19 | • |
| INDIAN MILLS 2 W | 4.08 | | | T | .02 | .30 | | | | | | | .17 | .18 | | | | | .28 | .19 | .30 | .15 | .38 | .13 | | | | .43 | | 1.18 | T | .37 | • |
| MAYS LANDING 1 W | 4.30 | | | | | .41 | | | | | | | | .60 | T | | | | | .26 | | .39 | .63 | | | | | .54 | | T | 1.10 | .37 | • |
| MILLVILLE | - | | | | .04 | .44 | | | | | | | | .39 | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | • |
| MILLVILLE FAA AIRPORT | 4.46 | | | T | .53 | T | | | | | | | .36 | T | | | | | .33 | | .21 | | .72 | | | | .46 | T | | 1.36 | .01 | .48 | • |
| MOORESTOWN | - | | | | T | .41 | | | | | | | | .56 | | | | | .08 | .36 | .03 | | | 1.01 | | | | .35 | | - | - | - | • |
| NEW BRUNSWICK | 4.10 | | T | | | .40 | T | | | | | | T | .56 | T | | | | T | .54 | .41 | | | .43 | T | T | .01 | .40 | | .37 | .76 | .22 | • |
| PEMBERTON 3 E | 4.30 | T | | | .04 | .31 | | | | | | | .18 | .29 | | | | | .33 | .23 | .32 | | .51 | .04 | | | | .54 | | 1.03 | .15 | .33 | • |
| PRINCETON WATER WORKS | 4.99 | | | | .38 | | T | | | | | | .58 | .04 | | | | | .51 | | .42 | | .34 | T | T | | .34 | | | 1.29 | | 1.09 | • |
| SEABROOK FARMS | 3.98 | | .01 | | | .44 | .01 | | | | | | | .29 | T | | T | | | .25 | T | .49 | | .45 | T | | | .57 | T | .10 | 1.03 | .34 | • |
| SHILOH | 2.87 | | | | T | .27 | | | | | | | .11 | .10 | | | | | .19 | .04 | .26 | | .47 | .05 | | | | | | 1.04 | | .34 | • |
| TOMS RIVER | 4.81 | | | | | .40 | | | | | | | | .43 | | | | | | .60 | | .53 | | .75 | | | | .56 | | .02 | 1.12 | .40 | • |
| TRENTON WB CITY R | 3.60 | | T | | .36 | .02 | T | | | | | | .43 | .03 | | | | | .46 | T | .44 | | .33 | T | T | | .27 | | | 1.08 | T | .18 | • |
| TUCKERTON | 3.96 | | T | | .04 | .28 | T | | | | | | .35 | .09 | T | | | | .17 | .12 | .25 | .15 | .68 | T | T | | T | .47 | | .92 | T | .44 | • |
| WOODSTOWN | 3.63 | | T | T | .01 | .53 | | | | | | | .19 | .19 | T | | | | .15 | .08 | .25 | .09 | .33 | .06 | T | | T | .32 | | 1.08 | .01 | .34 | • |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 3.26 | | | | .27 | .01 | | | | | | | .39 | .03 | | | | | .21 | | .49 | | .48 | | | | .47 | | | .51 | .01 | .39 | • |
| CAPE MAY 1 NW | 4.07 | | | | .02 | .12 | | | | | | | | .64 | | | | | | .26 | | .30 | | .39 | | | | .49 | | .33 | 1.10 | .42 | • |
| LONG BRANCH 2S | 5.12 | | | | T | .35 | | | | | | | .15 | .36 | | | | | .31 | .24 | .27 | .38 | .31 | .16 | T | | .12 | .56 | | 1.42 | .07 | .42 | • |
| SANDY HOOK | D 4.62 | | | | | .35 | | | | | | | | .36 | | | | | 0 .10 | .57 | * | * | * | .93 | | | .06 | .49 | | | 0 .10 | 1.66 | • |

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 40 | 43 | 50 | 39 | 36 | 47 | 42 | 51 | 38 | 38 | 43 | 48 | 39 | 39 | 43 | 39 | 37 | 48 | 36 | 53 | 44 | 49 | 45 | 47 | 51 | 55 | 66 | 54 | 55 | 33 | 42 | 44.8 |
| | MIN | 13 | 22 | 28 | 29 | 33 | 37 | 19 | 22 | 14 | 16 | 16 | 25 | 29 | 27 | 17 | 19 | 20 | 24 | 32 | 24 | 28 | 28 | 30 | 27 | 30 | 34 | 34 | 22 | 29 | 9 | 14 | 24.1 |
| BOONTON 1 SE | MAX | 37 | 42 | 46 | 43 | 43 | 49 | 40 | 49 | 35 | 36 | 39 | 43 | 42 | 40 | 41 | 37 | 36 | 44 | 37 | 51 | 44 | 48 | 48 | 44 | 49 | 52 | 63 | 51 | 55 | 35 | 43 | 43.9 |
| | MIN | 18 | 24 | 25 | 27 | 32 | 35 | 22 | 29 | 17 | 17 | 19 | 25 | 29 | 30 | 23 | 22 | 23 | 27 | 32 | 25 | 30 | 30 | 34 | 34 | 34 | 36 | 37 | 31 | 34 | 12 | 25 | 27.0 |
| CANOE BROOK | MAX | 39 | 43 | 45 | 42 | 38 | 51 | 41 | 53 | 39 | 39 | 42 | 42 | 44 | 40 | 42 | 38 | 38 | 47 | 37 | 50 | 47 | 49 | 42 | 45 | 50 | 54 | 60 | 54 | 55 | 37 | 39 | 44.6 |
| | MIN | 14 | 17 | 31 | 26 | 28 | 33 | 21 | 20 | 17 | 17 | 21 | 23 | 28 | 28 | 19 | 20 | 22 | 25 | 31 | 24 | 27 | 33 | 29 | 33 | 31 | 35 | 21 | 23 | 28 | 17 | 19 | 24.5 |
| CHARLOTTEBURG | MAX | 33 | 41 | 45 | 42 | 36 | 44 | 36 | 46 | 31 | 32 | 35 | 40 | 38 | 35 | 37 | 35 | 34 | 41 | 34 | 41 | 44 | 44 | 45 | 40 | 47 | 50 | 60 | 47 | 52 | 32 | 38 | 40.5 |
| | MIN | 13 | 14 | 24 | 24 | 30 | 32 | 26 | 26 | 14 | 14 | 14 | 21 | 24 | 27 | 21 | 19 | 19 | 22 | 29 | 22 | 23 | 27 | 28 | 33 | 34 | 32 | 29 | 20 | 24 | 12 | 12 | 22.9 |
| CRANFORD | MAX | 43 | 45 | 45 | 39 | 53 | 46 | 51 | 46 | 39 | 41 | 47 | 46 | 41 | 41 | 39 | 37 | 47 | 44 | 51 | 51 | 50 | 45 | 47 | 51 | 53 | 65 | 63 | 57 | 56 | 38 | 39 | 47.0 |
| | MIN | 18 | 31 | 32 | 34 | 34 | 36 | 24 | 30 | 18 | 19 | 26 | 26 | 33 | 31 | 23 | 23 | 25 | 31 | 32 | 26 | 34 | 31 | 36 | 33 | 34 | 40 | 39 | 25 | 27 | 19 | 31 | 29.1 |
| ELIZABETH | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ESSEX FELLS SERV BLDG | MAX | 37 | 42 | 44 | 43 | 43 | 42 | 50 | 50 | 36 | 36 | 38 | 44 | 42 | 38 | 40 | 38 | 36 | 45 | 40 | 49 | 46 | 48 | 47 | 46 | 50 | 55 | 62 | 52 | 52 | 35 | 40 | 44.1 |
| | MIN | 17 | 22 | 26 | 33 | 33 | 33 | 23 | 22 | 15 | 15 | 22 | 25 | 32 | 22 | 20 | 19 | 21 | 28 | 32 | 25 | 32 | 30 | 29 | 30 | 30 | 36 | 36 | 25 | 25 | 12 | 28 | 25.7 |
| FLEMINGTON 1 NE | MAX | 38 | 43 | 43 | 40 | 35 | 48 | 44 | 49 | 39 | 38 | 40 | 44 | 41 | 40 | | 39 | 30 | 45 | 36 | 50 | 44 | 48 | 43 | 46 | 52 | 53 | 67 | 52 | 49 | 35 | 38 | 43.6 |
| | MIN | 14 | 16 | 31 | 31 | 32 | 33 | 19 | 23 | 15 | 19 | 18 | 20 | 30 | 30 | 25 | 28 | 24 | 27 | 32 | 23 | 25 | 23 | 28 | 31 | 35 | 38 | 36 | 22 | 33 | 13 | 21 | 25.6 |
| HIGH POINT PARK | MAX | 29 | 38 | 41 | 35 | 32 | 37 | 32 | 43 | 43 | 43 | 30 | 36 | 33 | 34 | 36 | 32 | 29 | 39 | 38 | 48 | 48 | 41 | 40 | 39 | 40 | 51 | 57 | 43 | 50 | 32 | 38 | 38.9 |
| | MIN | 18 | 18 | 24 | 24 | 26 | 29 | 26 | 28 | 12 | 12 | 15 | 19 | 21 | 24 | 21 | 17 | 17 | 21 | 32 | 28 | 32 | 22 | 32 | 32 | 33 | 35 | 34 | 26 | 29 | 10 | 16 | 23.6 |
| JERSEY CITY | MAX | 40 | 43 | 42 | 38 | 51 | 41 | 51 | 39 | 36 | 40 | 45 | 40 | 38 | 39 | 37 | 39 | 47 | 41 | 50 | 43 | 50 | 44 | 46 | 50 | 54 | 54 | 53 | 48 | 43 | 35 | 37 | 43.7 |
| | MIN | 27 | 33 | 34 | 35 | 36 | 36 | 32 | 23 | 20 | 28 | 31 | 32 | 34 | 31 | 27 | 26 | 28 | 33 | 35 | 34 | 37 | 36 | 38 | 36 | 36 | 44 | 43 | 40 | 28 | 22 | 34 | 32.5 |
| LAMBERTVILLE | MAX | 45 | 47 | 46 | 38 | 47 | 43 | 52 | 45 | 40 | 42 | 47 | 43 | 37 | 42 | 38 | 37 | 45 | 41 | 50 | 47 | 50 | 46 | 46 | 52 | 55 | 69 | 61 | 58 | 54 | 40 | 42 | 46.6 |
| | MIN | 17 | 30 | 33 | 33 | 34 | 35 | 21 | 32 | 20 | 20 | 27 | 28 | 33 | 30 | 20 | 20 | 21 | 29 | 30 | 27 | 34 | 31 | 34 | 33 | 31 | 40 | 38 | 25 | 27 | 15 | 30 | 28.3 |
| LAYTON 2 | MAX | 34 | 40 | 47 | 40 | 36 | 43 | 37 | 47 | 29 | 32 | 35 | 41 | 36 | 37 | 39 | 34 | 33 | 43 | 43 | 51 | 41 | 46 | 46 | 46 | 50 | 52 | 60 | 49 | 56 | 31 | 40 | 41.7 |
| | MIN | 11 | 20 | 26 | 27 | 30 | 32 | 20 | 25 | 12 | 13 | 17 | 19 | 26 | 27 | 15 | 15 | 15 | 14 | 30 | 21 | 27 | 25 | 32 | 29 | 26 | 30 | 34 | 20 | 31 | 7 | 21 | 22.5 |
| LITTLE FALLS | MAX | 38 | 42 | 45 | 43 | 42 | 51 | 41 | 50 | 38 | 37 | 40 | 44 | 42 | 40 | 41 | 38 | 38 | 46 | 38 | 51 | 49 | 50 | 47 | 46 | 51 | 54 | 62 | 53 | 54 | 32 | 39 | 44.6 |
| | MIN | 20 | 22 | 28 | 33 | 34 | 36 | 25 | 32 | 20 | 18 | 23 | 29 | 31 | 31 | 24 | 23 | 25 | 30 | 32 | 27 | 25 | 32 | 31 | 35 | 36 | 40 | 39 | 28 | 30 | 15 | 29 | 28.5 |
| LONG VALLEY | MAX | 39 | 41 | 45 | 39 | 38 | 45 | 39 | 48 | 32 | 34 | 38 | 44 | 40 | 37 | 40 | 35 | 34 | 44 | 37 | 49 | 42 | 46 | 39 | 44 | 49 | 50 | 62 | 51 | 54 | 28 | 39 | 42.0 |
| | MIN | 17 | 24 | 24 | 30 | 28 | 31 | 18 | 27 | 14 | 15 | 20 | 22 | 27 | 25 | 17 | 17 | 17 | 17 | 30 | 21 | 30 | 26 | 30 | 31 | 28 | 33 | 27 | 20 | 27 | 12 | 12 | 23.1 |
| MORRIS PLAINS 1 W | MAX | 37 | 42 | 45 | 41 | 38 | 48 | 41 | 50 | 35 | 37 | 40 | 45 | 40 | 39 | 42 | 37 | 36 | 45 | 36 | 49 | 45 | 47 | 47 | 45 | 50 | 53 | 63 | 52 | 57 | 32 | 40 | 43.7 |
| | MIN | 19 | 25 | 26 | 27 | 31 | 33 | 22 | 28 | 14 | 16 | 17 | 18 | 28 | 29 | 20 | 20 | 20 | 24 | 31 | 23 | 29 | 29 | 35 | 32 | 30 | 35 | 36 | 22 | 31 | 14 | 22 | 25.4 |
| NEWARK WB AIRPORT | MAX | 43 | 46 | 43 | 41 | 54 | 43 | 51 | 41 | 40 | 42 | 48 | 43 | 41 | 43 | 40 | 39 | 47 | 41 | 52 | 47 | 51 | 47 | 48 | 51 | 54 | 63 | 55 | 56 | 48 | 36 | 39 | 46.2 |
| | MIN | 25 | 33 | 34 | 36 | 37 | 34 | 30 | 25 | 22 | 21 | 30 | 32 | 34 | 31 | 26 | 26 | 27 | 34 | 34 | 33 | 36 | 36 | 38 | 35 | 37 | 44 | 41 | 35 | 27 | 22 | 32 | 31.8 |
| NEWTON | MAX | 34 | 40 | 46 | 42 | 38 | 44 | 39 | 48 | 32 | 34 | 37 | 42 | 37 | 36 | 39 | 36 | 34 | 44 | 36 | 50 | 45 | 47 | 45 | 44 | 49 | 53 | 62 | 49 | 55 | 34 | 38 | 42.2 |
| | MIN | 15 | 20 | 25 | 26 | 30 | 32 | 20 | 25 | 13 | 15 | 18 | 21 | 26 | 28 | 20 | 19 | 15 | 27 | 31 | 23 | 28 | 28 | 30 | 31 | 31 | 33 | 26 | 23 | 30 | 5 | 18 | 23.6 |
| PATERSON | MAX | 40 | 46 | 45 | 45 | 41 | 52 | 41 | 52 | 37 | 38 | 39 | 45 | 45 | 41 | 42 | 40 | 38 | 45 | 40 | 50 | 45 | 51 | 48 | 49 | 52 | 57 | 59 | 53 | 56 | 33 | 39 | 45.3 |
| | MIN | 23 | 25 | 30 | 31 | 34 | 35 | 29 | 32 | 19 | 19 | 21 | 27 | 32 | 32 | 24 | 24 | 26 | 28 | 33 | 30 | 35 | 35 | 36 | 36 | 36 | 39 | 39 | 30 | 29 | 19 | 21 | 29.3 |
| PHILLIPSBURG | MAX | 40 | 46 | 49 | 40 | 36 | 47 | 42 | 51 | 38 | 39 | 42 | 47 | 40 | 40 | 43 | 40 | 37 | 45 | 36 | 51 | 43 | 50 | 45 | 48 | 52 | 54 | 67 | 54 | 57 | 36 | 42 | 45.1 |
| | MIN | 16 | 17 | 32 | 32 | 32 | 33 | 26 | 26 | 16 | 18 | 18 | 27 | 29 | 29 | 21 | 21 | 22 | 23 | 32 | 26 | 28 | 29 | 32 | 31 | 34 | 36 | 36 | 26 | 26 | 12 | 15 | 25.8 |
| PLAINFIELD | MAX | 43 | 41 | 42 | 38 | 52 | 42 | 52 | 40 | 40 | 42 | 48 | 44 | 40 | 42 | 40 | 37 | 47 | 37 | 52 | 46 | 51 | 45 | 48 | 52 | 55 | 66 | 56 | 57 | 53 | 40 | 40 | 46.1 |
| | MIN | 20 | 30 | 32 | 34 | 34 | 35 | 23 | 30 | 17 | 18 | 26 | 26 | 32 | 31 | 23 | 23 | 21 | 30 | 22 | 27 | 33 | 31 | 35 | 30 | 37 | 40 | 38 | 26 | 31 | 13 | 30 | 28.2 |
| SOMERVILLE | MAX | 39 | 44 | 47 | 43 | 48 | 49 | 42 | 50 | 38 | 39 | 41 | 46 | 42 | 39 | 43 | 38 | 36 | 44 | 46 | 51 | 43 | 49 | 45 | 47 | 53 | 63 | 66 | 53 | 57 | 38 | 41 | 45.8 |
| | MIN | 17 | 19 | 31 | 31 | 33 | 34 | 19 | 23 | 14 | 14 | 20 | 25 | 30 | 30 | 19 | 19 | 18 | 24 | 31 | 24 | 27 | 30 | 32 | 28 | 30 | 33 | 37 | 23 | 27 | 16 | 18 | 25.0 |
| SUSSEX 1 SE | MAX | 34 | 40 | 45 | 40 | 37 | 42 | 37 | 47 | 36 | 32 | 35 | 41 | 37 | 36 | 37 | 33 | 33 | 42 | 35 | 47 | 42 | 46 | 44 | 42 | 47 | 52 | 62 | 48 | 52 | 31 | 35 | 40.9 |
| | MIN | 10 | 11 | 22 | 23 | 27 | 29 | 18 | 20 | 11 | 12 | 14 | 20 | 23 | 25 | 15 | 16 | 18 | 22 | 27 | 19 | 27 | 23 | 27 | 26 | 25 | 29 | 32 | 19 | 24 | 2 | 13 | 20.3 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 39 | 56 | 38 | 44 | 48 | 42 | 52 | 51 | 42 | 43 | 49 | 44 | 39 | 42 | 40 | 38 | 45 | 41 | 46 | 45 | 49 | 46 | 48 | 52 | 55 | 60 | 52 | 53 | 46 | 37 | 39 | 45.8 |
| | MIN | 18 | 35 | 35 | 35 | 41 | 28 | 25 | 28 | 21 | 17 | 32 | 34 | 34 | 31 | 25 | 24 | 26 | 32 | 31 | 30 | 36 | 35 | 35 | 32 | 33 | 43 | 32 | 29 | 31 | 29 | 31 | 30.6 |
| AUDUBON | MAX | 46 | 50 | 42 | 39 | 49 | 44 | 54 | 49 | 44 | 45 | 51 | 43 | 39 | 41 | 41 | 39 | 47 | 38 | 48 | 45 | 51 | 45 | 53 | 55 | 58 | 71 | 55 | 60 | 50 | 43 | 41 | 47.6 |
| | MIN | 22 | 31 | 34 | 34 | 38 | 33 | 26 | 30 | 24 | 23 | 34 | 34 | 33 | 31 | 25 | 25 | 26 | 34 | 34 | 30 | 37 | 39 | 37 | 35 | 34 | 40 | 39 | 30 | 28 | 25 | 32 | 31.5 |
| BELLEPLAIN ST FOREST | MAX | 44 | 59 | 56 | 38 | 48 | 49 | 54 | 54 | 44 | 45 | 54 | 49 | 40 | 45 | 43 | 40 | 46 | 45 | 47 | 48 | 51 | 49 | 52 | 56 | 58 | 67 | 63 | 58 | 52 | 40 | 40 | 49.5 |
| | MIN | 15 | 26 | 35 | 34 | 37 | 36 | 20 | 31 | 20 | 25 | 26 | 27 | 32 | 28 | 20 | 20 | 22 | 27 | 35 | 29 | 37 | 35 | 34 | 28 | 31 | 39 | 36 | 30 | 33 | 26 | 34 | 29.3 |
| BURLINGTON | MAX | 43 | 47 | 47 | 39 | 48 | 47 | 46 | 54 | 44 | 40 | 48 | 44 | 47 | 42 | 44 | 37 | | | | | | | | | | 71 | 67 | 58 | 53 | | | |
| | MIN | 16 | 26 | 28 | 32 | 34 | 34 | 31 | 25 | 20 | 24 | 23 | 35 | 36 | 36 | 25 | 28 | | 28 | 32 | 36 | 40 | 39 | 39 | | | | | 38 | 22 | | | 30.3 |
| CHATSWORTH | MAX | 46 | 52 | 44 | 37 | 49 | 47 | 53 | 51 | 42 | 44 | 49 | | 40 | 40 | 38 | 46 | 46 | 46 | 46 | 51 | 48 | 48 | 54 | 57 | 59 | 59 | 57 | 50 | 38 | 38 | | 47.4 |
| | MIN | 15 | 27 | 32 | 33 | 35 | 35 | 19 | | 22 | 16 | 24 | 28 | 36 | 26 | 15 | 18 | 30 | 34 | 24 | 33 | 30 | 35 | 27 | 26 | 35 | 33 | 30 | 31 | 23 | 32 | | 27.7 |
| FREEHOLD | MAX | 39 | 43 | 45 | 40 | 37 | 50 | 41 | 51 | 41 | 39 | 39 | 45 | 40 | 37 | 42 | 40 | 36 | 43 | 35 | 47 | 46 | 49 | 42 | 47 | 52 | 53 | 64 | 52 | 57 | 35 | 34 | 43.9 |
| | MIN | 19 | 23 | 31 | 32 | 33 | 35 | 24 | 31 | 19 | 19 | 24 | 28 | 31 | 31 | 22 | 22 | 22 | 30 | 32 | 29 | 35 | 31 | 35 | 32 | 34 | 38 | 37 | 27 | 35 | 17 | 23 | 28.4 |
| GLASSBORO | MAX | 39 | 48 | 51 | 38 | 40 | 49 | 43 | 53 | 48 | 40 | 43 | 49 | 43 | 38 | 40 | 39 | 36 | 46 | 39 | 42 | 44 | 49 | 45 | 47 | 52 | 54 | 68 | 55 | 57 | 45 | 43 | 45.9 |
| | MIN | 23 | 27 | 34 | 33 | 34 | 36 | 32 | 33 | 23 | 24 | 24 | 34 | 32 | 31 | 24 | 25 | 24 | 29 | 32 | 30 | 35 | 37 | 34 | 35 | 33 | 37 | 33 | 33 | 38 | 30 | 31 | 31.0 |
| HAMMONTON 2 NNE | MAX | 43 | 47 | 54 | 38 | 42 | 50 | 43 | 55 | 52 | 43 | 46 | 52 | 45 | 39 | 45 | 43 | 40 | 48 | 38 | 47 | 45 | 52 | 43 | 50 | 56 | 59 | 69 | 56 | 59 | 37 | 42 | 47.7 |
| | MIN | 19 | 28 | 33 | 33 | 34 | 35 | 25 | 30 | 22 | 20 | 25 | 32 | 31 | 30 | 21 | 21 | 21 | 31 | 32 | 29 | 32 | 35 | 34 | 33 | 31 | 39 | 36 | 29 | 36 | 24 | 26 | 29.3 |
| HIGHTSTOWN 1 N | MAX | 43 | 45 | 43 | 37 | 50 | 44 | 50 | 46 | 39 | 40 | 46 | 41 | 38 | 42 | 39 | 36 | 44 | 39 | 50 | 46 | 51 | 44 | 48 | 52 | 54 | 69 | 60 | 58 | 49 | 35 | 39 | 45.7 |
| | MIN | 18 | 28 | 32 | 33 | 34 | 34 | 23 | 31 | 19 | 20 | 26 | 30 | 32 | 30 | 22 | 22 | 22 | 31 | 32 | 28 | 34 | 31 | 35 | 35 | 34 | 41 | 37 | 27 | 28 | 17 | 29 | 28.9 |
| INDIAN MILLS 2 W | MAX | 45 | 50 | 44 | 36 | 47 | 45 | 52 | 48 | 41 | 42 | 48 | 43 | 38 | 42 | 40 | 36 | 45 | 41 | 45 | 43 | 50 | 44 | 48 | 53 | 56 | 70 | 59 | 58 | 48 | 43 | 38 | 46.4 |
| | MIN | 14 | 27 | 32 | 33 | 36 | 35 | 20 | 27 | 22 | 16 | 25 | 28 | 31 | 30 | 18 | 17 | 20 | 29 | 33 | 26 | 36 | 31 | 34 | 31 | 33 | 40 | 35 | 24 | 28 | 22 | 32 | 27.9 |
| MILLVILLE | MAX | 41 | 45 | 57 | 39 | 45 | 49 | 43 | 53 | 50 | 43 | 43 | 50 | 48 | 40 | 43 | 41 | | | | | | | | | | | | | | | | |
| | MIN | 16 | 28 | 34 | 33 | 33 | 35 | 22 | 33 | 22 | 20 | 21 | 30 | 32 | 31 | 22 | 22 | | | | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | MAX | 43 | 55 | 39 | 44 | 48 | 42 | 54 | 50 | 42 | 42 | 49 | 47 | 38 | 41 | 38 | 38 | 45 | 41 | 47 | 45 | 50 | 43 | 49 | 52 | 55 | 64 | 54 | 54 | 46 | 42 | 40 | 46.4 |
| | MIN | 17 | 36 | 34 | 35 | 38 | 25 | 20 | 29 | 25 | 18 | 30 | 30 | 33 | 29 | 23 | 23 | 24 | 32 | 32 | 30 | 36 | 36 | 32 | 32 | 32 | 42 | 30 | 26 | 29 | 28 | 30 | 29.5 |
| MOORESTOWN | MAX | 40 | 47 | 48 | 38 | 45 | 48 | 52 | 51 | 44 | 41 | 45 | 48 | 40 | 41 | 43 | 40 | 41 | 46 | 45 | 48 | 48 | 50 | 45 | 51 | 52 | 70 | 70 | 58 | 59 | 35 | 37 | 47.3 |
| | MIN | 20 | 30 | 32 | 33 | 33 | 36 | 24 | 34 | 23 | 20 | 31 | 34 | 31 | 32 | 25 | 25 | 24 | 30 | 32 | 27 | 37 | 36 | 35 | 34 | 34 | 40 | 37 | 29 | 33 | 23 | 32 | 30.5 |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | MAX | 39 | 42 | 45 | 40 | 38 | 51 | 51 | 49 | 38 | 39 | 40 | 45 | 40 | 39 | 42 | 38 | 36 | 44 | 36 | 49 | 47 | 50 | 41 | 46 | 50 | 52 | 65 | 51 | 57 | 32 | 36 | 44.1 |
| | MIN | 20 | 30 | 32 | 33 | 33 | 35 | 24 | 34 | 19 | 19 | 22 | 31 | 31 | 31 | 23 | 22 | 23 | 28 | 32 | 28 | 34 | 32 | 31 | 34 | 34 | 40 | 37 | 27 | 30 | 17 | 24 | 28.7 |
| PEMBERTON 3 E | MAX | 48 | 47 | 43 | 38 | 49 | 43 | 54 | 47 | 43 | 42 | 49 | 44 | 37 | 45 | 40 | 38 | 47 | 43 | 47 | 44 | 50 | 44 | 48 | 54 | 56 | 69 | 61 | 57 | 50 | 39 | 38 | 46.9 |
| | MIN | 17 | 28 | 31 | 33 | 34 | 35 | 20 | 28 | 20 | 18 | 26 | 27 | 32 | 30 | 20 | 18 | 22 | 28 | 33 | 25 | 32 | 29 | 34 | 31 | 30 | 40 | 36 | 26 | 28 | 21 | 32 | 27.9 |
| SEABROOK FARMS | MAX | 40 | 44 | 54 | 38 | 43 | 49 | 43 | 53 | 50 | 42 | 43 | 49 | 44 | 38 | 42 | 41 | 38 | 46 | 40 | 47 | 44 | 50 | 42 | 50 | 54 | 56 | 68 | 54 | 56 | 37 | 41 | 46.3 |
| | MIN | 18 | 29 | 35 | 34 | 34 | 36 | 21 | 34 | 21 | 20 | 26 | 28 | 33 | 29 | 23 | 21 | 23 | 30 | 34 | 29 | 35 | 34 | 34 | 35 | 33 | 41 | 39 | 28 | 37 | 27 | 29 | 30.0 |
| SHILOH | MAX | 40 | 55 | 47 | 37 | 48 | 46 | 53 | 48 | 43 | 43 | 49 | 48 | 38 | 42 | 42 | 37 | 46 | 43 | 47 | 46 | 50 | 48 | 49 | 55 | 56 | 65 | 57 | 56 | 47 | 40 | 39 | 47.1 |
| | MIN | 20 | 29 | 34 | 33 | 35 | 35 | 25 | 28 | 21 | 21 | 34 | 31 | 32 | 30 | 22 | 23 | 21 | 31 | 34 | 30 | 35 | 34 | 33 | 34 | 32 | 40 | 37 | 32 | 29 | 26 | 33 | 30.1 |
| TOMS RIVER | MAX | 40 | 40 | 49 | 39 | 41 | 52 | 43 | 54 | 50 | 41 | 41 | 48 | 42 | 39 | 43 | 41 | 37 | 45 | 38 | 46 | 45 | 51 | 45 | 48 | 53 | 56 | 62 | 54 | 56 | 39 | 37 | 45.6 |
| | MIN | 19 | 24 | 34 | 34 | 35 | 36 | 22 | 27 | 20 | 20 | 25 | 29 | 32 | 32 | 19 | 19 | 20 | 28 | 33 | 25 | 30 | 31 | 36 | 31 | 31 | 39 | 39 | 25 | 38 | 23 | 25 | 28.4 |
| TRENTON WB CITY | MAX | 42 | 46 | 38 | 38 | 47 | 42 | 50 | 42 | 38 | 40 | 45 | 38 | 37 | 40 | 37 | 35 | 45 | 37 | 49 | 46 | 49 | 43 | 47 | 51 | 54 | 69 | 52 | 57 | 46 | 35 | 39 | 44.3 |
| | MIN | 23 | 32 | 35 | 35 | 36 | 33 | 30 | 25 | 21 | 22 | 31 | 33 | 33 | 29 | 24 | 24 | 25 | 33 | 33 | 34 | 36 | 37 | 36 | 36 | 36 | 43 | 39 | 35 | 25 | 20 | 32 | 31.2 |
| TUCKERTON | MAX | 38 | 53 | 42 | 38 | 52 | 44 | 54 | 52 | 43 | 45 | 51 | 45 | 40 | 44 | 43 | 39 | 46 | 38 | 45 | 42 | 51 | 45 | 50 | 55 | 57 | 60 | 55 | 54 | 46 | 36 | 39 | 46.5 |
| | MIN | 18 | 30 | 34 | 30 | 37 | 36 | 22 | 33 | 22 | 20 | 30 | 29 | 32 | 29 | 21 | 20 | 24 | 29 | 35 | 26 | 37 | 32 | 33 | 29 | 32 | 40 | 35 | 26 | 29 | 25 | 35 | 29.4 |
| WOODSTOWN | MAX | 44 | 51 | 47 | 37 | 49 | 44 | 52 | 53 | 43 | 43 | 50 | 47 | 38 | 43 | 40 | 38 | 47 | 44 | 48 | 45 | 50 | 49 | 49 | 53 | 57 | 68 | 62 | 57 | 52 | 41 | 41 | 47.8 |
| | MIN | 20 | 29 | 34 | 33 | 35 | 34 | 22 | 30 | 24 | 21 | 33 | 28 | 32 | 30 | 23 | 25 | 24 | 30 | 34 | 29 | 36 | 34 | 33 | 33 | 33 | 39 | 38 | 22 | 29 | 25 | 31 | 29.8 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 38 | 52 | 39 | 46 | 49 | 44 | 51 | 52 | 44 | 46 | 52 | 45 | 40 | 44 | 43 | 39 | 48 | 42 | 47 | 48 | 52 | 47 | 51 | 55 | 56 | 54 | 55 | 51 | 49 | 38 | 41 | 47.0 |
| | MIN | 26 | 38 | 38 | 37 | 41 | 33 | 30 | 31 | 28 | 26 | 39 | 36 | 36 | 32 | 28 | 28 | 28 | 39 | 38 | 36 | 40 | 41 | 38 | 38 | 37 | 44 | 41 | 40 | 32 | 30 | 35 | 35.0 |
| CAPE MAY 1 NW | MAX | 39 | 40 | 52 | 37 | 44 | 40 | 42 | 50 | 50 | 38 | 42 | 48 | 44 | 42 | 43 | 42 | 38 | 45 | 41 | 41 | 45 | 49 | 45 | 52 | 55 | 55 | 55 | 52 | 52 | 44 | 39 | 45.4 |
| | MIN | 22 | 23 | 35 | 35 | 36 | 36 | 26 | 30 | 24 | 23 | 29 | 33 | 33 | 34 | 28 | 28 | 29 | 31 | 36 | 32 | 36 | 40 | 35 | 36 | 37 | 38 | 40 | 32 | 35 | 29 | 29 | 31.9 |
| LONG BRANCH 2S | MAX | 37 | 47 | 39 | 37 | 51 | 42 | 52 | 45 | 41 | 41 | 46 | 41 | 38 | 44 | 42 | 38 | 44 | 40 | 49 | 45 | 51 | 45 | 49 | 53 | 54 | 53 | 54 | 52 | 47 | 35 | 37 | 44.8 |
| | MIN | 19 | 29 | 34 | 34 | 35 | 37 | 26 | 32 | 19 | 20 | 28 | 31 | 32 | 31 | 23 | 23 | 24 | 31 | 34 | 30 | 36 | 33 | 36 | 33 | 35 | 40 | 38 | 28 | 30 | 23 | 32 | 30.2 |
| SANDY HOOK | MAX | 39 | 36 | 40 | 38 | 46 | 42 | 43 | 43 | 37 | 38 | 42 | 42 | 38 | 38 | 38 | 36 | 39 | 39 | 45 | 42 | 45 | 45 | 42 | 46 | 50 | 51 | 53 | 49 | 48 | 32 | | 42.1 |
| | MIN | 27 | 27 | 32 | 33 | 35 | 40 | 32 | 36 | 26 | 26 | 30 | 36 | 33 | 34 | 30 | 28 | 29 | 33 | 33 | 34 | 36 | 33 | 36 | 38 | 38 | 41 | 40 | 36 | 31 | 26 | 31 | 32.9 |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent Standard of Time EASTERN | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 29 | 4.3 | 11.5 | 32++ | 7 | 22 | 74 | 75 | 54 | 65 | 6 | 1 | 6 | 2 | 0 | 0 | 15 | 44 | 6.8 |
| ATLANTIC CITY ST. MARINA | - | - | - | 41 | SE | 04 | - | - | - | - | 0 | 3 | 7 | 1 | 0 | 0 | 11 | - | - |
| NEWARK WB AIRPORT | 30 | 5.0 | 11.6 | 30++ | 27 | 21 | 62 | 65 | 48 | 56 | 7 | 3 | 8 | 1 | 0 | 0 | 19 | - | 6.7 |
| TRENTON WB CITY | - | - | - | 38 | S | 26 | - | - | - | - | 6 | 2 | 7 | 0 | 1 | 0 | 16 | 47 | 6.6 |

# SNOWFALL AND SNOW ON GROUND

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | | T | T | | | T | | | | | | | .8 | | | T | | | .5 | | | | T | | | | | | | 12.0 | .3 |
| | SN ON GND | | | | | | | | | | | | | 1 | | | | | | T | | | | | | | | | | | 12 | 8 |
| CHARLOTTEBURG | SNOWFALL | | T | | | | | | | | | | | .3 | | | | | | 2.0 | | | | | | | | | | | 10.0 | 1.0 |
| | SN ON GND | | T | | | | | | | | | | | T | | | | | | 2 | | | | | | | | | | | 10 | 7 |
| FLEMINGTON 1 NE | SNOWFALL | | | | | | | | | | | | | T | | | | | | 2.0 | | | | | | | | | | T | 5.0 | 1.0 |
| | SN ON GND | | | | | | | | | | | | | T | | | | | | 2 | 1 | 1 | 1 | | | | | | | T | 5 | 3 |
| LAMBERTVILLE | SNOWFALL | | | | | | | | | | | | T | | | | | | T | | | | | | | | | | | 2.0 | T | T |
| | SN ON GND | | | | | | | | | | | | | | | | | | T | | | | | | | | | | | 3 | 2 | 1 |
| LITTLE FALLS | SNOWFALL | | T | | | | | | | | | | | .3 | | | | | | .8 | | | | | | | | | | 1.0 | 8.0 | 1.8 |
| | SN ON GND | | T | | | | | | | | | | | T | | | | | | 1 | | | | | | | | | | 1 | 9 | 8 |
| LONG VALLEY | SNOWFALL | | | | | | | | | | | | | - | | | | | | 1.0 | | | | | | | | | | 3.0 | 11.0 | 1.0 |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MORRIS PLAINS 1 W | SNOWFALL | | T | | | | T | | T | | | | | T | T | | T | | T | 2.5 | | T | | T | T | T | | | | T | 8.0 | 1.0 |
| | SN ON GND | | T | | | | T | | | | | | | | | | | | | | | | | | | | | | | T | - | 7 |
| NEWARK WB AIRPORT | SNOWFALL | | T | | | | T | | | | | | T | T | T | | | | .2 | T | T | | T | | | | | | | 4.0 | T | .1 |
| | SN ON GND | | T | | | | | | | | | | | | | | | | | T | | | | | | | | | | T | 4 | 2 |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .6 | .3 |
| NEWTON | SNOWFALL | | T | | | | | | T | | | | | 1.0 | | | | | | 2.0 | | T | | T | | | | | | | 13.0 | 3.0 |
| | SN ON GND | | T | | | | | | | | | | | 1 | T | T | T | | | 2 | | | | | | | | | | | 10 | 8 |
| PATERSON | SNOWFALL | | T | | | | | T | | | | | | .1 | T | | | | | .2 | | T | | | | | | | | .1 | 10.6 | 1.8 |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PHILLIPSBURG | SNOWFALL | | | | | | | | | | | | | 1.0 | | | | | | T | | | | | | | | | | | 7.0 | |
| | SN ON GND | | | | | | | | | | | | | T | | | | | | T | | | | | | | | | | | 7 | 1 |
| PLAINFIELD | SNOWFALL | | T | | | | | | | | | | T | T | | | | | 1.0 | .5 | T | | T | | | | | | | 4.0 | | .5 |
| | SN ON GND | | | | | | | | | | | | | | | | | | 1 | 2 | | | | | | | | | | 4 | 4 | 2 |
| RAHWAY | SNOWFALL | | | | | | | | | | | | | | | | | | .8 | | | | | | | | | | | 2.4 | | T |
| | SN ON GND | | | | | | | | | | | | | | | | | | 1 | T | | | | | | | | | | 2 | 1 | T |
| SOMERVILLE | SNOWFALL | | T | T | | | | | | | | | T | T | T | | | | T | 1.5 | T | | T | | | | | | | T | 5.0 | T |
| | SN ON GND | | | | | | | | | | | | | T | | | | | | 1 | | | | | | | | | | | 5 | 3 |
| WANAQUE RAYMOND DAM | SNOWFALL | | T | | | | | | | | | | | .3 | | | | | | .5 | | | | | | | | | | | 12.0 | 2.0 |
| | SN ON GND | | T | | | | | | | | | | | T | | | | | | 1 | | | | | | | | | | | 12 | 12 |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | SNOWFALL | | | T | | | | | | | | | | | T | | | | T | | | | | | | | | | | T | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BASS RIVER ST FOREST | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| FREEHOLD | SNOWFALL | | T | | | | | | | | | | T | | | | | | | 1.0 | T | | T | | | | | | | | 1.0 | T |
| | SN ON GND | | | | | | | | | | | | | | | | | | | T | | | | | | | | | | | 1 | |
| HIGHTSTOWN 1 N | SNOWFALL | | T | | | | | | | | | | T | T | | | | | 1.0 | | T | | T | | | | | | | .5 | 2.5 | .2 |
| | SN ON GND | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | T | 1 | T |
| INDIAN MILLS 2 W | SNOWFALL | | | T | | | | | | | | | | | | | | | T | | | | | | | | | | | .3 | T | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | T | | |
| MAYS LANDING 1 W | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MILLVILLE | SNOWFALL | | | | | | | | | | | | | | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | SN ON GND | | | | | | | | | | | | | | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MILLVILLE FAA AIRPORT | SNOWFALL | | | T | | | | | | | | | | | | | | | T | | | | T | | | | | | | T | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOORESTOWN | SNOWFALL | | | | T | | | | | | | | | | | | | | T | | T | | | | | | | | | - | - | - |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | SNOWFALL | | | | | | | | | | | | T | | | | | | T | 2.9 | | | | | | | | | | .3 | 2.0 | .6 |
| | SN ON GND | | | | | | | | | | | | T | | | | | | T | 2 | | | | | | | | | | T | 2 | 3 |
| PEMBERTON 3 E | SNOWFALL | | | | | | | | | | | | | | | | | | .3 | | | | | | | | | | | .3 | .5 | |
| | SN ON GND | | | | | | | | | | | | | | | | | | T | | | | | | | | | | | | | |
| SEABROOK FARMS | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| TRENTON WB CITY | SNOWFALL | | | | | | T | | | | | | .1 | T | | | | | .5 | | T | | T | | | | | | | 1.5 | T | .3 |
| | SN ON GND | | | | | | | | | | | | T | | | | | | T | | | | | | | | | | | | 1 | T |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2S | SNOWFALL | | | | | | | | | | | | T | | | | | | .8 | | T | | T | | | | | | | 1.0 | .7 | T |
| | SN ON GND | | | | | | | | | | | | | | | | | | T | | | | | | | | | | | 1 | T | |

# DAILY SOIL TEMPERATURES

NEW JERSEY
MARCH 1970

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 34 | 34 | 34 | 34 | 37 | 36 | 39 | 39 | 34 | 34 | 34 | 34 | 37 | 39 | 35 | 34 | 35 | 35 | 42 | 40 | 44 | 41 | 44 | 45 | 47 | 53 | 48 | 48 | 42 | 39 | 38 | 39.0 |
| | | MIN | 32 | 32 | 33 | 33 | 34 | 34 | 33 | 34 | 33 | 33 | 33 | 33 | 34 | 35 | 34 | 33 | 33 | 33 | 35 | 35 | 37 | 38 | 38 | 37 | 37 | 41 | 40 | 38 | 38 | 37 | 35 | 35.0 |
| | 2 | MAX | 34 | 34 | 34 | 34 | 34 | 35 | 38 | 38 | 34 | 34 | 34 | 34 | 37 | 38 | 35 | 35 | 35 | 35 | 41 | 39 | 43 | 40 | 43 | 44 | 46 | 50 | 47 | 47 | 42 | 39 | 38 | 38.4 |
| | | MIN | 33 | 33 | 33 | 33 | 34 | 34 | 34 | 34 | 33 | 33 | 33 | 33 | 34 | 35 | 34 | 34 | 33 | 34 | 35 | 36 | 37 | 39 | 39 | 38 | 38 | 41 | 41 | 39 | 39 | 38 | 36 | 35.5 |
| | 4 | MAX | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 37 | 36 | 35 | 34 | 34 | 35 | 35 | 37 | 38 | 34 | 35 | 36 | 38 | 38 | 42 | 40 | 42 | 43 | 45 | 49 | 43 | 45 | 41 | 40 | 37.8 |
| | | MIN | 33 | 33 | 33 | 33 | 34 | 34 | 34 | 34 | 35 | 34 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | 36 | 38 | 39 | 39 | 38 | 39 | 42 | 40 | 41 | 34 | 38 | 35.5 |
| | 8 | MAX | 34 | 34 | 34 | 34 | 34 | 35 | 35 | 37 | 37 | 35 | 35 | 35 | 35 | 35 | 36 | 37 | 35 | 35 | 36 | 38 | 38 | 40 | 40 | 40 | 42 | 42 | 45 | 44 | 43 | 42 | 41 | 37.5 |
| | | MIN | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | 35 | 34 | 34 | 35 | 35 | 35 | 35 | 35 | 34 | 35 | 35 | 36 | 38 | 39 | 39 | 38 | 39 | 41 | 43 | 42 | 40 | 39 | 36.3 |
| | 20 | MAX | 36 | 36 | 36 | 36 | 36 | 36 | 37 | 37 | 37 | 37 | 36 | 36 | 36 | 36 | 37 | 37 | 36 | 36 | 38 | 37 | 39 | 40 | 40 | 41 | 41 | 41 | 42 | 42 | 42 | 42 | 41 | 38.1 |
| | | MIN | 35 | 35 | 35 | 35 | 36 | 36 | 36 | 37 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 37 | 39 | 39 | 39 | 39 | 40 | 41 | 42 | 42 | 41 | 40 | 37.3 |
| | 40 | MAX | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 39 | 39 | 40 | 41 | 41 | 41 | 41 | 41 | 42 | 41 | 41 | 38.9 |
| | | MIN | 37 | 37 | 37 | 37 | 37 | 38 | 38 | 38 | 37 | 37 | 38 | 37 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 39 | 39 | 39 | 39 | 40 | 40 | 41 | 41 | 41 | 40 | 38.4 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 34 | 38 | 41 | 38 | 46 | 38 | 41 | 43 | 35 | 33 | 36 | 35 | 37 | 43 | 34 | 34 | 40 | 34 | 39 | 41 | 48 | 41 | 47 | 45 | 52 | 57 | 53 | 52 | 42 | 37 | 40 | 41.1 |
| | | MIN | 30 | 34 | 34 | 33 | 35 | 34 | 34 | 35 | 32 | 31 | 33 | 33 | 35 | 34 | 34 | 33 | 33 | 34 | 34 | 35 | 38 | 37 | 38 | 36 | 36 | 41 | 39 | 36 | 36 | 35 | 35 | 34.7 |
| | 2 | MAX | 34 | 36 | 39 | 35 | 43 | 38 | 41 | 43 | 35 | 33 | 36 | 35 | 37 | 43 | 34 | 34 | 40 | 34 | 40 | 41 | 48 | 41 | 47 | 45 | 51 | 56 | 52 | 51 | 42 | 37 | 39 | 40.6 |
| | | MIN | 30 | 33 | 34 | 33 | 34 | 34 | 34 | 35 | 32 | 32 | 33 | 33 | 35 | 34 | 34 | 33 | 33 | 34 | 34 | 35 | 38 | 37 | 38 | 36 | 36 | 41 | 39 | 36 | 36 | 35 | 35 | 34.7 |
| | 4 | MAX | 34 | 34 | 34 | 34 | 34 | 35 | 39 | 40 | 36 | 34 | 36 | 35 | 37 | 39 | 35 | 34 | 36 | 34 | 40 | 38 | 45 | 39 | 43 | 45 | 47 | 51 | 49 | 47 | 43 | 38 | 38 | 38.8 |
| | | MIN | 33 | 33 | 33 | 33 | 34 | 34 | 34 | 36 | 34 | 33 | 33 | 33 | 35 | 35 | 34 | 33 | 33 | 34 | 34 | 35 | 38 | 39 | 39 | 38 | 38 | 42 | 42 | 39 | 37 | 37 | 36 | 35.5 |
| | 8 | MAX | 34 | 34 | 34 | 34 | 34 | 34 | 37 | 38 | 36 | 35 | 36 | 35 | 37 | 39 | 36 | 35 | 35 | 35 | 39 | 37 | 41 | 40 | 40 | 42 | 42 | 46 | 46 | 44 | 43 | 39 | 38 | 37.9 |
| | | MIN | 33 | 33 | 33 | 33 | 34 | 34 | 34 | 36 | 35 | 34 | 34 | 34 | 35 | 35 | 35 | 34 | 34 | 35 | 35 | 36 | 37 | 39 | 39 | 39 | 40 | 42 | 43 | 41 | 39 | 38 | 37 | 36.1 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | 0323 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0340 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0428 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER RLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 3P | 5P | | | EARL N. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 53 | 200 | | 8A | | | ANDREW F DRORPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 73 | 5P | 5P | | | UNION COLLEGE |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | UNION CO. PARK COMM. |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 13 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3518 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A | | | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4735 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A | | | ROBERT WELSH |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMN. |
| LONG BRANCH 2S | 4987 | 02 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 350 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 08 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5570 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 9A | 9A | | H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | W. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT | R 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6033 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 385 | 8A | 8A | | C H | NEWTON WTR. & SWR. COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | R. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 39 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8A | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7320 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 303 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P | | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. HILDA MILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 3P | 5P | | | CREAM VALLEY DAIRY |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES. Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

  No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

S Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE- 5/1/70-920

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
APRIL 1970
Volume 75 No. 4

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days Max. | | No. of Days Min. | | | | | | Snow, Sleet | | | No. of Days | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 60.3 | 34.8 | 47.6 | - 3.5 | 85 | 30 | 18 | 1 | 518 | 0 | 0 | 13 | 0 | 4.21 | .07 | 1.50 | 2 | 1.5 | 6 | 1 | 7 | 3 | 2 |
| BOONTON 1 SE | 59.1 | 37.1 | 48.1 | - .9 | 79 | 30 | 20 | 1 | 501 | 0 | 0 | 11 | 0 | 3.82 | - .04 | 1.42 | 2 | .5 | 1 | 1 | 6 | 2 | 2 |
| CANOE BROOK | 59.7 | 35.1 | 47.4 | - 1.3 | 78 | 27 | 19 | 1 | 526 | 0 | 0 | 12 | 0 | 3.71 | - .31 | 1.35 | 2 | 2.0 | 3 | 1 | 6 | 2 | 1 |
| CHARLOTTEBURG | 56.6 | 34.9 | 45.8 | - 2.2 | 79 | 30 | 20 | 6 | 570 | 0 | 0 | 12 | 0 | 4.13 | - .08 | 1.50 | 3 | 2.0 | 5 | 1 | 6 | 2 | 2 |
| CRANFORD | 62.1 | 39.6 | 50.9 | | 78 | 26 | 23 | 1 | 419 | 0 | 0 | 6 | 0 | 4.88 | | 2.60 | 2 | .0 | T | 1 | 5 | 3 | 2 |
| ESSEX FELLS SERV BLDG | 59.4 | 36.5 | 48.0 | | 79 | 27 | 18 | 1 | 505 | 0 | 0 | 10 | 0 | 3.31 | | 1.46 | 2 | T | 5 | 1 | 6 | 3 | 1 |
| FLEMINGTON 1 NE | 59.5 | 35.8 | 47.7 | - 3.5 | 84 | 30 | 20 | 6 | 514 | 0 | 0 | 13 | 0 | 4.70 | .90 | 1.17 | 3 | .0 | 3 | 1 | 7 | 4 | 2 |
| HIGH POINT PARK | 54.2 | 36.7 | 45.5 | | 79 | 30 | 22 | 12+ | 579 | 0 | 0 | 10 | 0 | 4.01 | | 1.82 | 3 | 1.0 | 8 | 1 | 6 | 2 | 2 |
| JERSEY CITY | 58.0 | 43.0 | 50.5 | .0 | 75 | 29+ | 32 | 11+ | 428 | 0 | 0 | 2 | 0 | 1.49 | - 2.10 | .56 | 2 | .0 | 0 | | 4 | 1 | 0 |
| LAMBERTVILLE | 62.5 | 38.0 | 50.3 | - .8 | 86 | 29 | 24 | 1 | 438 | 0 | 0 | 10 | 0 | 5.29 | 1.65 | 1.87 | 2 | T | T | 1 | 6 | 5 | 1 |
| LAYTON 2 | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | 59.8 | 38.9 | 49.4 | - 1.3 | 79 | 30 | 21 | 1 | 463 | 0 | 0 | 7 | 0 | 3.38 | - .88 | 1.42 | 2 | .2 | 7 | 1 | 6 | 2 | 1 |
| LONG VALLEY | 58.3 | 33.8 | 46.1 | | 82 | 30 | 15 | 1 | 562 | 0 | 0 | 13 | 0 | 5.26 | 1.29 | 2.00 | 3 | .0 | 0 | | 6 | 2 | 2 |
| MORRIS PLAINS 1 W | 59.2 | 36.1 | 47.7 | | 80 | 30 | 18 | 1 | 514 | 0 | 0 | 12 | 0 | 4.31 | | 1.45 | 3 | 1.0 | 6 | 1 | 7 | 2 | 2 |
| NEWARK WB AIRPORT R | 60.8 | 43.0 | 51.9 | .6 | 79 | 26 | 29 | 1 | 390 | 0 | 0 | 2 | 0 | 3.52 | .01 | 1.93 | 2 | T | 2 | 1 | 4 | 2 | 1 |
| NEWTON | 58.8 | 35.4 | 47.1 | - 1.2 | 84 | 30 | 14 | 1 | 528 | 0 | 0 | 12 | 0 | 4.70 | .87 | 1.73 | 2 | .5 | 6 | 1 | 7 | 2 | 2 |
| PATERSON | 60.5 | 39.9 | 50.2 | - .9 | 82 | 27 | 22 | 1 | 445 | 0 | 0 | 5 | 0 | 3.74 | - .33 | 1.65 | 2 | .3 | 0 | | 6 | 2 | 2 |
| PHILLIPSBURG | 61.2 | 36.6 | 48.9 | - 1.8 | 86 | 30 | 21 | 1 | 479 | 0 | 0 | 11 | 0 | 3.59 | - .48 | 1.42 | 2 | .0 | 0 | | 8 | 2 | 1 |
| PLAINFIELD | 61.0 | 39.1 | 50.1 | - .8 | 78 | 26+ | 24 | 1 | 444 | 0 | 0 | 6 | 0 | 3.97 | .10 | 1.88 | 2 | .0 | 0 | | 5 | 3 | 1 |
| SOMERVILLE | 60.8 | 36.5 | 48.7 | - 1.9 | 77 | 27 | 22 | 6+ | 483 | 0 | 0 | 11 | 0 | 4.09 | .44 | 1.13 | 3 | 1.0 | 4 | 1 | 7 | 3 | 2 |
| SUSSEX 1 SE | 57.6 | 31.2 | 44.4 | - 4.7 | 84 | 30 | 10 | 1 | 611 | 0 | 0 | 15 | 0 | 4.80 | .85 | 1.73 | 3 | 1.0 | 0 | | 8 | 2 | 2 |
| DIVISION | | | 48.3 | - 1.7 | | | | | | | | | | 4.05 | .14 | | | .6 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 58.8 | 40.4 | 49.6 | - 1.4 | 78 | 29 | 28 | 6+ | 453 | 0 | 0 | 6 | 0 | 4.66 | 1.25 | 1.15 | 14 | .0 | 0 | | 7 | 4 | 2 |
| AUDUBON | 63.0 | 41.7 | 52.4 | | 86 | 29 | 29 | 6+ | 375 | 0 | 0 | 2 | 0 | 6.84 | | 2.50 | 14 | .0 | 0 | | 6 | 4 | 3 |
| BELLEPLAIN ST FOREST | 63.9 | 39.5 | 51.7 | | 81 | 29 | 25 | 12 | 390 | 0 | 0 | 7 | 0 | 5.48 | 2.01 | 2.26 | 14 | .0 | 0 | | 9 | 4 | 1 |
| BURLINGTON | 62.6M | 43.0M | 52.8M | - .5 | 83 | 29 | | | 371 | 0 | 0 | | 0 | 5.56 | 2.12 | 1.95 | 2 | .0 | 0 | | 5 | 4 | 3 |
| CHATSWORTH | 63.1 | 36.8M | 50.0M | | 84 | 29 | 22 | 11 | 445 | 0 | 0 | | 0 | 7.44 | | 3.19 | 15 | .0 | 0 | | 6 | 4 | 3 |
| FREEHOLD | 58.8 | 38.6 | 48.7 | - 2.1 | 78 | 10 | 26 | 6+ | 483 | 0 | 0 | 7 | 0 | 5.10 | 1.52 | 1.47 | 15 | T | 0 | | 7 | 4 | 2 |
| GLASSBORO | 59.4 | 39.9 | 49.7 | | 83 | 30 | 27 | 11 | 454 | 0 | 0 | 4 | 0 | 5.67 | | 1.96 | 15 | .0 | 0 | | 7 | 4 | 2 |
| HAMMONTON 2 NNE | 61.2 | 39.9 | 50.6 | - 1.7 | 86 | 30 | 28 | 6+ | 428 | 0 | 0 | 6 | 0 | 6.99 | 3.39 | 4.52 | 15 | .0 | 0 | | 9 | 2 | 1 |
| HIGHTSTOWN 1 N | 60.7 | 39.2 | 50.0 | - .9 | 83 | 29 | 25 | 1 | 449 | 0 | 0 | 6 | 0 | 4.80 | 1.42 | 1.79 | 2 | T | 0 | | 7 | 3 | 2 |
| INDIAN MILLS 2 W | 61.4 | 37.9 | 49.7 | - 1.7 | 85 | 29 | 23 | 1 | 454 | 0 | 0 | 9 | 0 | 7.01 | 3.59 | 2.10 | 14 | .0 | 0 | | 5 | 4 | 4 |
| MILLVILLE | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | 60.9 | 41.1 | 51.0 | | 81 | 29 | 27 | 12+ | 413 | 0 | 0 | 6 | 0 | 7.36 | | 2.80 | 14 | .0 | 0 | | 9 | 4 | 2 |
| MOORESTOWN | 63.2M | 40.8 | 52.0M | .6 | 85 | 30 | 26 | 6+ | 385 | 0 | 0 | 3 | 0 | 5.42 | 1.98 | 2.48 | 15 | T | 0 | | 6 | 3 | 2 |
| NEW BRUNSWICK | 59.0 | 40.2 | 49.6 | - 1.5 | 76 | 10 | 27 | 6+ | 455 | 0 | 0 | 5 | 0 | 5.23 | 1.75 | 1.67 | 25 | T | 1 | 1 | 6 | 4 | 3 |
| PEMBERTON 3 E | 62.1 | 37.8 | 50.0 | - 2.3 | 85 | 29 | 24 | 1 | 446 | 0 | 0 | 9 | 0 | 6.06 | 2.61 | 1.86 | 2 | .0 | 0 | | 5 | 4 | 3 |
| SEABROOK FARMS | 60.2 | 40.1 | 50.2 | | 81 | 30 | 27 | 6+ | 438 | 0 | 0 | 7 | 0 | 6.24 | | 2.58 | 15 | .0 | 0 | | 9 | 4 | 1 |
| SHILOH | | | | | | | | | | | | | | | | | | | | | | | |
| TOMS RIVER | 58.8 | 38.3 | 48.6 | | 81 | 10 | 25 | 1 | 485 | 0 | 0 | 9 | 0 | 7.44 | | 3.03 | 15 | .0 | 0 | | 10 | 6 | 2 |
| TRENTON WB CITY R | 60.4 | 41.8 | 51.1 | - .6 | 84 | 29 | 31 | 11+ | 409 | 0 | 0 | 3 | 0 | 4.35 | 1.14 | 1.56 | 2 | T | 0 | | 6 | 3 | 2 |
| TUCKERTON | 59.0 | 39.0 | 49.0 | | 79 | 9 | 25 | 1 | 473 | 0 | 0 | 6 | 0 | 8.64 | | 3.16 | 15 | T | 0 | | 6 | 4 | 4 |
| WOODSTOWN | 64.1 | 38.6 | 51.4 | | 84 | 29 | 27 | 6+ | 404 | 0 | 0 | 5 | 0 | 5.00 | | 1.68 | 14 | .0 | 0 | | 6 | 4 | 2 |
| DIVISION | | | 50.4 | - 1.0 | | | | | | | | | | 6.07 | 2.62 | | | T | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 57.8 | 44.3 | 51.1 | 1.2 | 76 | 29 | 34 | 11 | 411 | 0 | 0 | 0 | 0 | 4.77 | 1.39 | 1.80 | 14 | | | | 7 | 4 | 1 |
| CAPE MAY 1 NW | 57.5 | 41.8 | 49.7 | | 76 | 10 | 31 | 1 | 452 | 0 | 0 | 2 | 0 | 4.06 | | 1.50 | 15 | .0 | 0 | | 10 | 1 | 1 |
| LONG BRANCH 2 S | 58.2 | 40.0 | 49.1 | - .5 | 80 | 26 | 27 | 1 | 476 | 0 | 0 | 6 | 0 | 5.08 | 1.45 | 2.16 | 2 | .0 | 0 | | 6 | 4 | 1 |
| SANDY HOOK | 55.6M | 41.8M | 48.7M | | 71 | 26 | | | 479 | 0 | 0 | 2 | 0 | 3.83 | | 1.60 | 2 | .0 | 0 | | 5 | 3 | 1 |
| DIVISION | | | 49.7 | - .3 | | | | | | | | | | 4.44 | 1.12 | | | .0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>4 STATIONS | 86 | DATE | 30+ |
| LOWEST TEMPERATURE<br>SUSSEX 1 SE | 10 | DATE | 01 |
| GREATEST TOTAL PRECIPITATION<br>MAYS LANDING 1 W | 8.69 | | |
| LEAST TOTAL PRECIPITATION<br>JERSEY CITY | 1.49 | | |
| GREATEST 1 DAY PRECIPITATION<br>MAYS LANDING 1 W | 5.12 | DATE | 15 |
| GREATEST TOTAL SNOWFALL<br>2 STATIONS | 3.0 | | |
| GREATEST DEPTH OF SNOW<br>WANAQUE RAYMOND DAM | 10 | DATE | 01 |

See Reference Notes Following Station Index

THE LIBRARY OF THE
JUN 30 1970
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

# DAILY PRECIPITATION

NEW JERSEY
APRIL 1970

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 4.21 | .22 | 1.50 | 1.09 | | | | | | T | T | | | | | .27 | | | T | T | .53 | .09 | T | | .10 | .41 | | | | | | |
| BERNARDSVILLE 2 E | 4.42 | .12 | 1.35 | 1.26 | | | | .01 | | | .02 | | | | | .41 | | | | | .36 | .57 | | | .04 | .28 | | | | | | |
| BLACKWELLS MILLS | 4.64 | .08 | .87 | .65 | | | | | | | .02 | | | | | .70 | .12 | | | | .41 | .43 | | | .06 | 1.30 | | | | | | |
| BOONTON 1 SE | 3.82 | .09 | 1.42 | 1.06 | | | | T | | | T | | | | | .12 | | | T | | .33 | .40 | .02 | | .09 | .29 | T | | | | | |
| BOUND BROOK 2 W | 4.00 | .02 | 1.13 | 1.05 | | | | | | | T | | | | | .54 | | | | | .41 | .41 | | | T | .44 | | | | | | |
| BRANCHVILLE | 4.77 | .27 | 1.60 | 1.77 | | | | | | | | T | | | | T | | | .08 | | .35 | .26 | | | .23 | .21 | T | | | | | |
| CANISTEAR RESERVOIR | 4.52 | .16 | 1.68 | 1.38 | | | | | | | | | | | | .06 | | | .07 | | .46 | .33 | T | | .08 | .30 | | T | | | | |
| CANOE BROOK | 3.71 | .02 | 1.35 | .90 | | | | | | | T | T | | | | .43 | | | T | | .28 | .41 | T | | .04 | .28 | | | | | | |
| CHARLOTTEBURG | 4.13 | .14 | 1.38 | 1.50 | | | | | | | | | | | | .03 | | | .06 | | .39 | .37 | T | | .06 | .20 | | T | | | | |
| CLINTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| CRANFORD | 4.88 | | 2.60 | | | | | T | | T | | | | | .20 | .51 | | | T | | 1.05 | T | | .07 | .45 | T | | | | | | |
| ESSEX FELLS SERV BLDG | 3.31 | T | 1.46 | .71 | | | | | | | | | | | | .22 | | | | | .63 | .03 | | | .15 | .11 | | | | | | |
| FLEMINGTON 1 NE | 4.70 | .05 | 1.15 | 1.17 | | | | | | | | | | | | .80 | .02 | | | | .39 | .52 | .03 | | .12 | .45 | | | | | | |
| GREENWOOD LAKE | 4.68 | .30 | 1.56 | 1.55 | | | | | | .01 | | | | | | .03 | | | .06 | | .40 | .38 | .02 | | .12 | .25 | | | | | | |
| HIGH POINT PARK | 4.01 | | 1.00 | 1.82 | | | | | | | | T | | | | | | | | | .40 | .25 | | | .16 | .38 | | | | | | |
| JERSEY CITY | 1.49 | T | .56 | | | | T | | | T | T | | | | .03 | .14 | | T | | | .48 | T | | .03 | .25 | | | | | | | |
| LAMBERTVILLE | 5.29 | | 1.87 | | | | | | | T | | | | | .53 | .93 | | | T | | .91 | | | .10 | .94 | .01 | | | | | | |
| LAYTON 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| LITTLE FALLS | 3.38 | .03 | 1.42 | .76 | | | | | | | | T | | | | .15 | | | | | .36 | .33 | | | .06 | .27 | | | | | | |
| LONG VALLEY | 5.26 | | 1.70 | 2.00 | | | | | | | | | | | | .32 | | | | | .43 | .31 | T | | .08 | .42 | | | | | | |
| MAHWAH | 4.47 | .15 | 1.45 | 1.60 | | | | | | | | | | | | .12 | | | .05 | | .40 | .33 | | .05 | .08 | .24 | | | | | | |
| MIDLAND PARK | 2.63 | .09 | 1.81 | T | | | | | | | | | | | .04 | | | .10 | | | .43 | | | .01 | .15 | | | | | | | |
| MILTON | 4.52 | .15 | 1.41 | 1.90 | | | | | | | | .02 | | | | .04 | | | .02 | | .40 | .16 | | | .18 | .24 | | | | | | |
| MORRIS PLAINS 1 W | 4.31 | .12 | 1.43 | 1.45 | | | | T | | T | T | T | | | | .14 | | | | | .37 | .44 | T | | .07 | .29 | T | | | | T | |
| NEWARK WB AIRPORT R | 3.52 | .02 | 1.93 | | | | T | T | | T | T | | | | .06 | .21 | | T | | T | .86 | T | T | .02 | .42 | | | T | | | | |
| NEW MILFORD | 2.84 | | 1.84 | | | | | | | | | | | | | .02 | | .05 | | | .48 | | | | .45 | | | | | | | |
| NEWTON | 4.70 | .12 | 1.73 | 1.52 | | | | | | | | | | | | T | | | T | | .47 | .23 | T | | .24 | .39 | T | | | | | |
| OAK RIDGE RESERVOIR | 4.47 | .13 | 1.63 | 1.58 | | | | | | | | | | | | .04 | | | .09 | | .38 | .29 | | | .11 | .22 | | | | | | |
| PATERSON | 3.74 | .10 | 1.65 | 1.05 | | | | | | T | | T | | | | .10 | | | | | .43 | | .03 | | .04 | .34 | | | | | | |
| PHILLIPSBURG | 3.59 | .12 | 1.42 | .27 | | | | | | | T | | | | | .65 | | | | | .42 | .17 | .02 | | .10 | .42 | | | | | | |
| PLAINFIELD | 3.97 | | 1.88 | | | | | T | | .05 | T | | | | .26 | .32 | | | | | .85 | .01 | | .05 | .55 | | | | | | | |
| POTTERSVILLE 2 NNW | 5.57 | .10 | 1.80 | 1.97 | | | | | | | T | | | | | .32 | | | | | .44 | .51 | T | | .11 | .32 | | | | | | |
| RAHWAY | 1.51 | | T | | | | .04 | | | .02 | | | | | .20 | .20 | | | | | | .75 | | | .30 | | | | | | | |
| RINGWOOD | 3.64 | .03 | 1.54 | 1.15 | | | | | | | | | | | | .03 | | | .03 | | .63 | T | T | T | .20 | .03 | | | | | | |
| SOMERVILLE | 4.09 | .13 | 1.00 | 1.13 | | | | T | | | .01 | | | | | .56 | .01 | | | | .32 | .47 | | | .07 | .39 | T | | T | | | |
| SPLIT ROCK POND | 4.72 | .13 | 1.56 | 1.90 | | | | | | | | | | | | .09 | | | .02 | | .20 | .35 | .02 | | .11 | .33 | .01 | | | | | |
| SUSSEX 1 SE | 4.80 | .13 | 1.49 | 1.73 | | | | | | | | T | | | | .01 | | | .09 | | .46 | .38 | .12 | .01 | .14 | .23 | .01 | | | | | |
| WANAQUE RAYMOND DAM | 4.17 | .08 | 1.54 | 1.58 | | | | | | | | | | | | .04 | | | .05 | | .37 | .28 | | | .03 | .20 | | | | | | |
| WERTSVILLE | 4.30 | .08 | 1.20 | .63 | | | | | | | T | | | | | 1.01 | | | | | .36 | .38 | | | .12 | .53 | | | T | | | |
| WEST WHARTON | 4.18 | .11 | * | 2.74 | | | | | | | T | | | | | .10 | | | | | .43 | .37 | | T | .12 | .31 | | | | | | |
| WOODCLIFF LAKE | 3.12 | .10 | 1.89 | | | | | | | | | | | | | | | .05 | | | .72 | .03 | | .05 | .28 | | | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 4.66 | .10 | 1.07 | | .04 | | .08 | .05 | | .02 | | | | | 1.15 | .79 | | | | .01 | .90 | | | .10 | .35 | | | T | | | | |
| AUDUBON | 6.84 | T | 1.92 | | | | T | | | T | | | | | 2.50 | .92 | | | | T | 1.03 | | | .13 | .34 | | | | | | | |
| BASS RIVER ST FOREST | 8.26 | | .70 | .60 | | .03 | | .15 | | | .01 | | | | | 4.40 | .97 | | | | .52 | .30 | | | .11 | .47 | | | | | | |
| BELLEPLAIN ST FOREST | 5.48 | | .86 | | | .11 | | .32 | | | | | | | 2.26 | .73 | | | | T | .68 | | | .15 | .13 | .07 | | .17 | | | | |
| BURLINGTON | 5.56 | | 1.95 | .05 | | | | | | | | | | | 1.24 | 1.00 | | | | | .76 | | | .07 | .49 | | | | | | | |
| CANTON | 4.95 | | .67 | .40 | | | | | | .02 | | | | | .12 | 1.26 | .10 | | | | .98 | | | .24 | .71 | .04 | | .41 | | | | |
| CHATSWORTH | 7.44 | | 1.55 | | | | | .12 | | | | | | | 1.38 | 3.19 | | | | | .78 | | | | .42 | | | | | | | |
| FORTESCUE | 4.70 | | .65 | .47 | | | | .33 | | | | | | | .17 | | 2.10 | .16 | | | .52 | | | | | .30 | | | | | | |
| FREEHOLD | 5.10 | .04 | 1.13 | .87 | | | | .04 | | | .07 | | | | | 1.47 | .19 | | .02 | | .37 | .54 | T | | .06 | .30 | | | T | | | |
| GLASSBORO | 5.67 | .15 | 1.47 | | | T | | .03 | | | .03 | | | | | 1.96 | .96 | | | | .50 | .37 | T | | .07 | .13 | | | | | | |
| HAMMONTON 2 NNE | 6.99 | .11 | .88 | .31 | | .02 | | .10 | | | .01 | | | | | 4.52 | .37 | | | | .25 | | T | | .10 | .32 | | | | | | |
| HIGHTSTOWN 1 N | 4.80 | | 1.79 | | | | T | T | | .03 | | | | | .45 | 1.00 | | | T | T | .96 | T | | .11 | .32 | .14 | | | | | | |
| INDIAN MILLS 2 W | 7.01 | | 1.42 | | | | .01 | .03 | | .02 | | | | | 2.10 | 1.92 | | | | T | 1.06 | | | .07 | .38 | | | | | | | |
| MAYS LANDING 1 W | 8.69 | | .77 | .65 | | .05 | | .20 | | | .10 | | | | | 5.12 | .68 | | | | .16 | .69 | | | .10 | .17 | | | | | | |
| MILLVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| MILLVILLE FAA AIRPORT | 7.36 | .17 | 1.78 | | .10 | | .17 | .09 | | .06 | | | | T | 2.80 | .90 | | | | .02 | .74 | | | .19 | .07 | | T | .27 | | | | |
| MOORESTOWN | 5.42 | | 1.06 | .24 | | | | T | | | T | | | | .41 | 2.48 | T | | | | .90 | T | | .09 | .24 | | | | | | | |
| NEW BRUNSWICK | 5.23 | T | 1.00 | .58 | | | | | | T | T | .01 | | | | 1.00 | .08 | | .01 | | .43 | .40 | .01 | | .04 | 1.67 | | | | | | |
| PEMBERTON 3 E | 6.06 | | 1.86 | | | | | .03 | | .04 | | | | | .98 | 1.69 | | | | | 1.16 | | | .06 | .24 | | | | | | | |
| PRINCETON WATER WORKS | 4.73 | .08 | 1.70 | | | | | T | | .02 | | | | | .99 | .28 | | | | .10 | .96 | | | .09 | .51 | | | T | | | | |
| SEABROOK FARMS | 6.24 | .02 | .66 | .66 | | .04 | T | .09 | | | .04 | | | | .04 | 2.58 | .19 | | | | .45 | .71 | .01 | .02 | .10 | .46 | | .17 | T | | | |
| SHILOH | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| TOMS RIVER | 7.44 | .10 | 1.40 | .55 | | | | .15 | | | .03 | | | | | 3.03 | .67 | | | | .33 | .55 | | | .10 | .53 | | | | | | |
| TRENTON WB CITY R | 4.35 | .06 | 1.56 | | | | T | T | | .02 | | | | | 1.12 | .21 | | | | .01 | .84 | T | | .10 | .43 | | | | | | T | |
| TUCKERTON | 8.64 | | 1.80 | | T | .01 | .06 | .07 | | T | | | | | 2.12 | 3.16 | .01 | | | T | 1.01 | T | T | .10 | .29 | | | T | | | .01 | |
| WOODSTOWN | 5.00 | | 1.22 | | | .01 | .01 | .02 | | .05 | | | | | 1.68 | .72 | .01 | | | .01 | .83 | .01 | .01 | .11 | .28 | | | .03 | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 4.77 | .10 | .90 | | .04 | | .16 | .01 | | .02 | | | | | 1.80 | .75 | | | | .01 | .55 | | | .07 | .36 | | | | | | | |
| CAPE MAY 1 NW | 4.06 | .17 | .40 | .30 | | .10 | | .49 | | | .05 | | | | .12 | 1.50 | .24 | | | | .07 | .40 | T | T | .08 | .10 | | T | .04 | | | |
| LONG BRANCH 2 S | 5.08 | | 2.16 | | | | T | .13 | | .04 | | | | | .57 | .94 | | | .02 | | .83 | T | | .02 | .32 | .05 | | T | | | | |
| SANDY HOOK | 3.83 | | 1.60 | .14 | | | .02 | | | .03 | | | | | | .90 | | | | | .82 | | | .01 | .31 | | | | | | | |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 42 | 48 | 57 | 53 | 53 | 51 | 49 | 63 | 64 | 73 | 54 | 54 | 60 | 64 | 48 | 67 | 68 | 67 | 60 | 56 | 45 | 49 | 69 | 54 | 54 | 71 | 77 | 75 | 78 | 85 | | 60.3 |
| | MIN | 18 | 24 | 37 | 29 | 26 | 21 | 28 | 28 | 37 | 32 | 27 | 24 | 25 | 33 | 38 | 31 | 38 | 40 | 30 | 38 | 38 | 37 | 48 | 43 | 39 | 40 | 47 | 49 | 52 | 48 | | 34.8 |
| BOONTON 1 SE | MAX | 40 | 49 | 57 | 51 | 50 | 47 | 48 | 56 | 63 | 72 | 53 | 48 | 57 | 64 | 52 | 66 | 66 | 66 | 59 | 60 | 48 | 49 | 65 | 55 | 59 | 68 | 75 | 74 | 77 | 79 | | 59.1 |
| | MIN | 20 | 32 | 24 | 32 | 32 | 23 | 33 | 32 | 42 | 36 | 28 | 22 | 29 | 33 | 40 | 32 | 40 | 49 | 41 | 39 | 38 | 39 | 45 | 43 | 44 | 45 | 50 | 52 | 51 | 46 | | 37.1 |
| CANOE BROOK | MAX | 39 | 49 | 60 | 51 | 54 | 49 | 47 | 57 | 66 | 75 | 56 | 56 | 60 | 62 | 49 | 63 | 65 | 63 | 62 | 60 | 43 | 51 | 67 | 55 | 59 | 71 | 78 | 70 | 77 | 76 | | 59.7 |
| | MIN | 19 | 31 | 28 | 33 | 30 | 23 | 27 | 29 | 38 | 31 | 28 | 25 | 26 | 33 | 41 | 35 | 39 | 37 | 27 | 36 | 33 | 37 | 41 | 43 | 43 | 44 | 46 | 54 | 49 | 48 | | 35.1 |
| CHARLOTTEBURG | MAX | 37 | 44 | 54 | 48 | 48 | 43 | 48 | 53 | 64 | 71 | 48 | 44 | 55 | 61 | 48 | 66 | 64 | 65 | 55 | 57 | 41 | 46 | 62 | 50 | 57 | 67 | 75 | 71 | 78 | 79 | | 56.6 |
| | MIN | 21 | 26 | 33 | 36 | 30 | 20 | 29 | 32 | 37 | 36 | 24 | 25 | 27 | 30 | 36 | 29 | 38 | 38 | 31 | 37 | 36 | 36 | 42 | 41 | 42 | 43 | 47 | 49 | 50 | 47 | | 34.9 |
| CRANFORD | MAX | 50 | 61 | 59 | 53 | 50 | 49 | 57 | 67 | 77 | 66 | 50 | 60 | 62 | 60 | 63 | 64 | 63 | 62 | 62 | 56 | 48 | 68 | 67 | 54 | 72 | 78 | 73 | 76 | 77 | 59 | | 62.1 |
| | MIN | 23 | 35 | 39 | 37 | 33 | 24 | 37 | 31 | 48 | 42 | 30 | 30 | 31 | 38 | 43 | 34 | 39 | 40 | 37 | 39 | 42 | 39 | 47 | 43 | 46 | 52 | 56 | 54 | 51 | 48 | | 39.6 |
| ESSEX FELLS SERV BLDG | MAX | 42 | 46 | 59 | 51 | 53 | 48 | 49 | 60 | 67 | 75 | 54 | 48 | 58 | 61 | 53 | 65 | 64 | 65 | 60 | 58 | 44 | 55 | 65 | 49 | 57 | 70 | 79 | 71 | 78 | 78 | | 59.4 |
| | MIN | 18 | 31 | 40 | 33 | 26 | 24 | 33 | 30 | 45 | 36 | 27 | 25 | 28 | 35 | 41 | 32 | 40 | 38 | 30 | 38 | 37 | 36 | 40 | 42 | 40 | 47 | 51 | 51 | 53 | 47 | | 36.5 |
| FLEMINGTON 1 NE | MAX | 40 | 49 | 56 | 52 | 52 | 48 | 51 | 56 | 66 | 76 | 56 | 51 | 58 | 62 | 48 | 64 | 65 | 67 | 60 | 56 | 45 | 50 | 68 | 52 | 60 | 70 | 76 | 73 | 73 | 84 | | 59.5 |
| | MIN | 21 | 31 | 35 | 32 | 32 | 20 | 27 | 30 | 41 | 34 | 29 | 26 | 23 | 25 | 41 | 30 | 38 | 38 | 29 | 39 | 39 | 36 | 45 | 44 | 40 | 48 | 53 | 53 | 48 | 47 | | 35.8 |
| HIGH POINT PARK | MAX | 34 | 42 | 49 | 42 | 43 | 40 | 42 | 50 | 63 | 68 | 44 | 40 | 52 | 56 | 48 | 62 | 64 | 65 | 59 | 55 | 45 | 43 | 59 | 48 | 54 | 58 | 75 | 71 | 75 | 79 | | 54.2 |
| | MIN | 25 | 30 | 32 | 34 | 29 | 25 | 28 | 29 | 38 | 39 | 22 | 22 | 31 | 34 | 41 | 34 | 45 | 42 | 38 | 34 | 34 | 38 | 42 | 40 | 40 | 47 | 52 | 52 | 56 | 47 | | 36.7 |
| JERSEY CITY | MAX | 45 | 59 | 51 | 54 | 48 | 45 | 56 | 66 | 75 | 55 | 49 | 60 | 58 | 49 | 60 | 60 | 57 | 60 | 57 | 48 | 46 | 66 | 56 | 55 | 71 | 74 | 64 | 68 | 75 | 54 | | 58.0 |
| | MIN | 32 | 33 | 40 | 41 | 36 | 38 | 37 | 41 | 50 | 37 | 32 | 33 | 38 | 43 | 44 | 44 | 44 | 46 | 44 | 40 | 42 | 42 | 46 | 46 | 47 | 57 | 58 | 55 | 54 | 49 | | 43.0 |
| LAMBERTVILLE | MAX | 49 | 63 | 56 | 53 | 50 | 53 | 50 | 67 | 70 | 68 | 52 | 61 | 63 | 55 | 60 | 67 | 67 | 61 | 57 | 49 | 48 | 69 | 68 | 60 | 71 | 75 | 74 | 74 | 86 | 80 | | 62.5 |
| | MIN | 24 | 37 | 39 | 31 | 29 | 25 | 27 | 30 | 40 | 35 | 32 | 28 | 27 | 42 | 42 | 31 | 43 | 39 | 33 | 39 | 42 | 39 | 47 | 45 | 42 | 48 | 53 | 54 | 50 | 47 | | 38.0 |
| LAYTON 2 | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | MAX | 39 | 48 | 59 | 53 | 53 | 48 | 48 | 57 | 67 | 75 | 55 | 50 | 58 | 61 | 50 | 64 | 63 | 64 | 60 | 60 | 44 | 53 | 66 | 55 | 63 | 74 | 78 | 72 | 78 | 79 | | 59.8 |
| | MIN | 21 | 32 | 34 | 36 | 32 | 26 | 35 | 34 | 46 | 39 | 29 | 30 | 32 | 36 | 43 | 33 | 43 | 41 | 36 | 35 | 40 | 40 | 49 | 43 | 45 | 47 | 54 | 53 | 53 | 50 | | 38.9 |
| LONG VALLEY | MAX | 39 | 48 | 56 | 51 | 51 | 46 | 48 | 55 | 64 | 73 | 52 | 52 | 56 | 61 | 46 | 65 | 65 | 65 | 57 | 57 | 43 | 51 | 65 | 48 | 56 | 74 | 75 | 72 | 75 | 82 | | 58.3 |
| | MIN | 15 | 33 | 25 | 29 | 22 | 19 | 32 | 29 | 34 | 32 | 22 | 23 | 23 | 35 | 38 | 27 | 41 | 37 | 30 | 37 | 36 | 36 | 43 | 43 | 39 | 42 | 47 | 50 | 48 | 47 | | 33.8 |
| MORRIS PLAINS 1 W | MAX | 40 | 47 | 58 | 52 | 53 | 47 | 48 | 57 | 67 | 76 | 53 | 49 | 59 | 61 | 47 | 65 | 64 | 66 | 59 | 59 | 43 | 50 | 66 | 53 | 59 | 70 | 78 | 72 | 77 | 80 | | 59.2 |
| | MIN | 18 | 32 | 34 | 29 | 31 | 21 | 33 | 28 | 43 | 38 | 27 | 28 | 26 | 32 | 41 | 29 | 39 | 38 | 30 | 38 | 37 | 37 | 49 | 41 | 40 | 45 | 50 | 51 | 51 | 46 | | 36.1 |
| NEWARK WB AIRPORT | MAX | 48 | 62 | 53 | 55 | 50 | 48 | 59 | 69 | 78 | 56 | 51 | 61 | 61 | 50 | 64 | 63 | 60 | 63 | 61 | 50 | 49 | 70 | 55 | 61 | 73 | 79 | 69 | 78 | 73 | 56 | | 60.8 |
| | MIN | 29 | 37 | 41 | 38 | 35 | 34 | 39 | 38 | 50 | 36 | 32 | 34 | 41 | 44 | 44 | 43 | 48 | 46 | 41 | 42 | 44 | 44 | 48 | 46 | 48 | 55 | 56 | 56 | 50 | 50 | | 43.0 |
| NEWTON | MAX | 38 | 46 | 55 | 51 | 50 | 46 | 49 | 56 | 66 | 76 | 50 | 48 | 57 | 63 | 50 | 64 | 70 | 68 | 58 | 59 | 43 | 47 | 65 | 53 | 55 | 67 | 78 | 74 | 79 | 84 | | 58.8 |
| | MIN | 14 | 29 | 36 | 39 | 30 | 21 | 30 | 27 | 40 | 32 | 25 | 30 | 24 | 33 | 37 | 29 | 43 | 43 | 30 | 38 | 37 | 41 | 41 | 43 | 39 | 42 | 45 | 51 | 48 | 46 | | 35.4 |
| PATERSON | MAX | 38 | 46 | 58 | 53 | 55 | 50 | 49 | 59 | 68 | 78 | 56 | 58 | 61 | 63 | 51 | 65 | 67 | 64 | 61 | 59 | 45 | 49 | 65 | 52 | 60 | 72 | 82 | 73 | 79 | 80 | | 60.5 |
| | MIN | 22 | 29 | 38 | 38 | 34 | 30 | 34 | 37 | 39 | 35 | 30 | 30 | 35 | 39 | 43 | 37 | 46 | 45 | 38 | 41 | 41 | 39 | 45 | 43 | 44 | 48 | 56 | 54 | 56 | 50 | | 39.9 |
| PHILLIPSBURG | MAX | 43 | 50 | 53 | 53 | 55 | 51 | 52 | 59 | 68 | 76 | 57 | 54 | 61 | 65 | 48 | 67 | 69 | 69 | 62 | 58 | 47 | 50 | 70 | 55 | 56 | 72 | 77 | 76 | 77 | 86 | | 61.2 |
| | MIN | 21 | 26 | 31 | 33 | 32 | 26 | 30 | 32 | 38 | 36 | 29 | 27 | 28 | 36 | 39 | 31 | 38 | 42 | 36 | 39 | 39 | 38 | 46 | 44 | 44 | 42 | 43 | 53 | 51 | 48 | | 36.6 |
| PLAINFIELD | MAX | 50 | 60 | 53 | 55 | 51 | 50 | 59 | 68 | 78 | 56 | 51 | 62 | 62 | 49 | 62 | 65 | 65 | 63 | 60 | 44 | 47 | 69 | 55 | 58 | 72 | 78 | 72 | 77 | 77 | 61 | | 61.0 |
| | MIN | 24 | 36 | 38 | 33 | 33 | 26 | 37 | 30 | 43 | 41 | 30 | 29 | 30 | 39 | 42 | 37 | 40 | 39 | 33 | 40 | 41 | 40 | 49 | 44 | 46 | 46 | 55 | 54 | 52 | 47 | | 39.1 |
| SOMERVILLE | MAX | 42 | 50 | 60 | 52 | 53 | 49 | 53 | 58 | 67 | 76 | 55 | 50 | 59 | 63 | 58 | 65 | 65 | 67 | 60 | 58 | 44 | 67 | 67 | 55 | 73 | 70 | 77 | 73 | 75 | 62 | | 60.8 |
| | MIN | 22 | 27 | 38 | 33 | 29 | 22 | 27 | 30 | 39 | 36 | 28 | 29 | 28 | 34 | 41 | 30 | 39 | 39 | 32 | 39 | 39 | 39 | 42 | 44 | 40 | 45 | 52 | 53 | 51 | 47 | | 36.5 |
| SUSSEX 1 SE | MAX | 36 | 45 | 50 | 47 | 49 | 45 | 47 | 54 | 65 | 71 | 50 | 46 | 57 | 60 | 51 | 59 | 69 | 68 | 57 | 58 | 43 | 47 | 63 | 53 | 56 | 69 | 77 | 74 | 78 | 84 | | 57.6 |
| | MIN | 10 | 18 | 31 | 33 | 25 | 19 | 26 | 23 | 31 | 28 | 22 | 23 | 21 | 26 | 36 | 25 | 34 | 39 | 26 | 36 | 35 | 39 | 39 | 39 | 39 | 39 | 40 | 46 | 45 | 44 | | 31.2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 49 | 58 | 54 | 54 | 50 | 46 | 54 | 61 | 77 | 62 | 50 | 55 | 56 | 48 | 48 | 61 | 57 | 63 | 53 | 54 | 60 | 68 | 54 | 64 | 70 | 70 | 66 | 70 | 78 | 54 | | 58.8 |
| | MIN | 28 | 41 | 41 | 37 | 31 | 28 | 35 | 34 | 45 | 40 | 32 | 29 | 30 | 46 | 43 | 36 | 36 | 38 | 36 | 42 | 43 | 40 | 48 | 49 | 48 | 53 | 52 | 53 | 51 | 48 | | 40.4 |
| AUDUBON | MAX | 56 | 64 | 55 | 54 | 52 | 54 | 60 | 66 | 78 | 62 | 54 | 62 | 68 | 50 | 53 | 68 | 67 | 65 | 53 | 47 | 52 | 71 | 60 | 63 | 73 | 73 | 75 | 76 | 86 | 73 | | 63.0 |
| | MIN | 29 | 39 | 40 | 34 | 36 | 29 | 38 | 39 | 45 | 40 | 33 | 33 | 35 | 43 | 43 | 39 | 42 | 40 | 41 | 40 | 43 | 41 | 49 | 46 | 50 | 53 | 56 | 55 | 53 | 48 | | 41.7 |
| BELLEPLAIN ST FOREST | MAX | 55 | 60 | 60 | 56 | 53 | 50 | 58 | 63 | 79 | 72 | 62 | 56 | 60 | 55 | 50 | 63 | 63 | 66 | 64 | 60 | 70 | 70 | 67 | 65 | 73 | 70 | 69 | 69 | 81 | 78 | | 63.9 |
| | MIN | 26 | 39 | 40 | 33 | 29 | 26 | 38 | 30 | 44 | 40 | 28 | 25 | 27 | 45 | 44 | 39 | 36 | 38 | 35 | 42 | 42 | 43 | 48 | 48 | 48 | 51 | 53 | 54 | 46 | 49 | | 39.5 |
| BURLINGTON | MAX | | 65 | 58 | 54 | 53 | 49 | 58 | 67 | 76 | 60 | 53 | 60 | 60 | 64 | 54 | 58 | 64 | 62 | 58 | 55 | 48 | 68 | 68 | 60 | 68 | 70 | 71 | 74 | 83 | 76 | | 62.6 |
| | MIN | | | | | | | 43 | 35 | 44 | 39 | 33 | 33 | 37 | 33 | 40 | 40 | 44 | 36 | 40 | 39 | 45 | 48 | 48 | 45 | 60 | 62 | 58 | | | | | 43.0 |
| CHATSWORTH | MAX | 56 | 62 | 58 | 55 | 52 | 51 | 59 | 65 | 80 | 69 | 58 | 60 | 62 | 55 | 47 | 60 | 65 | 64 | 62 | 56 | 50 | 69 | 69 | 63 | 72 | 72 | 70 | 74 | 84 | 75 | | 63.1 |
| | MIN | 23 | | | 28 | 26 | 24 | 37 | 27 | | | 22 | 28 | 28 | 42 | | 37 | 33 | 37 | 33 | 38 | 41 | 35 | 45 | 45 | 46 | 45 | 54 | 53 | 47 | 46 | | 36.8 |
| FREEHOLD | MAX | 39 | 53 | 61 | 52 | 57 | 49 | 48 | 56 | 66 | 78 | 57 | 50 | 59 | 60 | 46 | 51 | 59 | 65 | 61 | 57 | 44 | 54 | 66 | 53 | 62 | 70 | 75 | 66 | 74 | 76 | | 58.8 |
| | MIN | 26 | 37 | 37 | 34 | 31 | 26 | 36 | 31 | 42 | 37 | 28 | 28 | 30 | 40 | 44 | 38 | 37 | 37 | 34 | 38 | 37 | 38 | 47 | 43 | 46 | 52 | 52 | 53 | 54 | 44 | | 38.6 |
| GLASSBORO | MAX | 43 | 40 | 61 | 54 | 53 | 52 | 50 | 54 | 64 | 78 | 61 | 49 | 56 | 64 | 49 | 52 | 66 | 65 | 63 | 50 | 47 | 53 | 69 | 55 | 65 | 71 | 70 | 72 | 72 | 83 | | 59.4 |
| | MIN | 28 | 32 | 40 | 39 | 34 | 30 | 33 | 39 | 36 | 40 | 27 | 33 | 35 | 44 | 41 | 38 | 42 | 39 | 37 | 39 | 42 | 39 | 48 | 46 | 42 | 51 | 51 | 53 | 52 | 47 | | 39.9 |
| HAMMONTON 2 NNE | MAX | 43 | 58 | 65 | 58 | 58 | 51 | 51 | 58 | 65 | 78 | 65 | 51 | 61 | 65 | 49 | 51 | 63 | 61 | 64 | 53 | 48 | 59 | 70 | 55 | 60 | 73 | 70 | 72 | 74 | 86 | | 61.2 |
| | MIN | 28 | 36 | 39 | 35 | 31 | 28 | 37 | 33 | 44 | 44 | 29 | 29 | 32 | 44 | 42 | 39 | 40 | 39 | 37 | 40 | 40 | 38 | 46 | 45 | 48 | 51 | 53 | 52 | 52 | 46 | | 39.9 |
| HIGHTSTOWN 1 N | MAX | 52 | 61 | 55 | 53 | 49 | 51 | 58 | 66 | 77 | 60 | 50 | 59 | 62 | 50 | 52 | 63 | 67 | 61 | 55 | 49 | 46 | 67 | 57 | 60 | 70 | 75 | 71 | 73 | 83 | 68 | | 60.7 |
| | MIN | 25 | 37 | 38 | 37 | 31 | 27 | 37 | 34 | 44 | 34 | 29 | 29 | 30 | 42 | 42 | 35 | 40 | 38 | 34 | 38 | 41 | 40 | 47 | 44 | 44 | 49 | 56 | 54 | 53 | 46 | | 39.2 |
| INDIAN MILLS 2 W | MAX | 54 | 64 | 54 | 54 | 50 | 50 | 57 | 64 | 79 | 61 | 50 | 59 | 65 | 51 | 50 | 64 | 65 | 62 | 55 | 46 | 52 | 69 | 64 | 62 | 71 | 72 | 73 | 74 | 85 | 65 | | 61.4 |
| | MIN | 23 | 38 | 39 | 28 | 27 | 24 | 37 | 29 | 44 | 37 | 29 | 27 | 25 | 43 | 42 | 37 | 36 | 35 | 30 | 39 | 41 | 36 | 47 | 45 | 48 | 48 | 54 | 54 | 48 | 46 | | 37.9 |
| MILLVILLE | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | MAX | 53 | 61 | 57 | 52 | 50 | 51 | 57 | 62 | 77 | 63 | 51 | 60 | 58 | 50 | 50 | 66 | 64 | 63 | 49 | 53 | 64 | 68 | 57 | 63 | 71 | 67 | 71 | 69 | 81 | 70 | | 60.9 |
| | MIN | 28 | 40 | 41 | 36 | 32 | 27 | 37 | 36 | 44 | 41 | 32 | 27 | 31 | 46 | 44 | 41 | 41 | 39 | 38 | 42 | 43 | 39 | 50 | 49 | 48 | 55 | 53 | 52 | 50 | 50 | | 41.1 |
| MOORESTOWN | MAX | 53 | 62 | 63 | 55 | 53 | 51 | 54 | 63 | 78 | | 60 | 56 | 62 | 65 | 49 | 62 | 66 | 68 | 63 | 55 | 48 | 65 | 69 | 57 | 71 | 72 | 72 | 73 | 82 | 85 | | 63.2 |
| | MIN | 26 | 37 | 39 | 34 | 34 | 26 | 37 | 36 | 45 | 41 | 34 | 32 | 34 | 42 | 41 | 38 | 42 | 39 | 38 | 41 | 41 | 42 | 47 | 45 | 50 | 55 | 56 | 54 | 51 | 46 | | 40.8 |
| NEW BRUNSWICK | MAX | 39 | 50 | 61 | 52 | 52 | 49 | 49 | 57 | 65 | 76 | 56 | 54 | 59 | 61 | 46 | 55 | 62 | 65 | 61 | 57 | 45 | 53 | 67 | 51 | 61 | 75 | 74 | 69 | 75 | 74 | | 59.0 |
| | MIN | 27 | 36 | 39 | 39 | 32 | 27 | 36 | 35 | 46 | 41 | 30 | 30 | 34 | 41 | 42 | 40 | 40 | 42 | 37 | 39 | 38 | 41 | 47 | 44 | 46 | 53 | 55 | 52 | 53 | 45 | | 40.2 |

See Reference Notes Following Station Index

## DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PEMBERTON 3 E | MAX | 57 | 62 | 55 | 54 | 54 | 49 | 59 | 66 | 78 | 60 | 52 | 62 | 64 | 48 | 51 | 62 | 68 | 65 | 58 | 47 | 49 | 68 | 64 | 61 | 73 | 73 | 70 | 74 | 85 | 75 | | 62.1 |
| | MIN | 24 | 37 | 39 | 32 | 28 | 25 | 36 | 29 | 40 | 35 | 29 | 26 | 26 | 44 | 43 | 36 | 35 | 36 | 32 | 39 | 41 | 39 | 47 | 45 | 44 | 48 | 54 | 54 | 46 | 44 | | 37.8 |
| SEABROOK FARMS | MAX | 40 | 57 | 64 | 57 | 54 | 50 | 52 | 58 | 63 | 77 | 63 | 52 | 60 | 59 | 50 | 51 | 66 | 62 | 63 | 48 | 49 | 60 | 69 | 57 | 65 | 71 | 67 | 73 | 69 | 81 | | 60.2 |
| | MIN | 27 | 37 | 39 | 39 | 31 | 27 | 37 | 32 | 45 | 40 | 29 | 29 | 31 | 45 | 43 | 39 | 40 | 39 | 37 | 41 | 42 | 36 | 48 | 48 | 46 | 50 | 53 | 53 | 49 | 50 | | 40.1 |
| SHILOH | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOMS RIVER | MAX | 39 | 54 | 60 | 55 | 55 | 50 | 49 | 53 | 66 | 81 | 60 | 51 | 59 | 57 | 48 | 51 | 57 | 61 | 63 | 55 | 47 | 54 | 69 | 53 | 64 | 71 | 75 | 60 | 73 | 75 | | 58.8 |
| | MIN | 25 | 32 | 35 | 33 | 28 | 27 | 38 | 32 | 42 | 35 | 30 | 29 | 29 | 44 | 41 | 32 | 35 | 40 | 35 | 40 | 40 | 38 | 48 | 45 | 46 | 52 | 52 | 53 | 49 | 45 | | 38.3 |
| TRENTON WB CITY | MAX | 53 | 63 | 53 | 51 | 48 | 49 | 58 | 66 | 76 | 57 | 51 | 59 | 62 | 49 | 53 | 62 | 67 | 61 | 55 | 44 | 47 | 69 | 56 | 62 | 71 | 71 | 72 | 73 | 84 | 70 | | 60.4 |
| | MIN | 32 | 38 | 40 | 38 | 33 | 31 | 38 | 38 | 47 | 37 | 31 | 34 | 39 | 42 | 43 | 42 | 44 | 44 | 40 | 39 | 42 | 45 | 45 | 45 | 48 | 56 | 54 | 54 | 49 | 46 | | 41.8 |
| TUCKERTON | MAX | 50 | 59 | 57 | 57 | 51 | 47 | 52 | 65 | 79 | 63 | 52 | 51 | 54 | 47 | 47 | 57 | 55 | 64 | 55 | 53 | 53 | 69 | 63 | 59 | 72 | 71 | 62 | 65 | 76 | 65 | | 59.0 |
| | MIN | 25 | 41 | 33 | 35 | 29 | 26 | 37 | 34 | 43 | 40 | 29 | 27 | 29 | 44 | 42 | 39 | 33 | 38 | 34 | 40 | 41 | 38 | 47 | 47 | 47 | 53 | 52 | 53 | 48 | 46 | | 39.0 |
| WOODSTOWN | MAX | 53 | 65 | 60 | 55 | 52 | 51 | 58 | 64 | 77 | 68 | 55 | 63 | 63 | 55 | 53 | 68 | 64 | 64 | 59 | 60 | 55 | 72 | 66 | 65 | 73 | 70 | 73 | 74 | 84 | 83 | | 64.1 |
| | MIN | 27 | 34 | 38 | 36 | 32 | 27 | 37 | 34 | 40 | 35 | 30 | 28 | 33 | 42 | 34 | 36 | 40 | 38 | 37 | 35 | 42 | 37 | 47 | 46 | 46 | 47 | 54 | 48 | 50 | 48 | | 38.6 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 50 | 58 | 56 | 56 | 53 | 47 | 50 | 60 | 68 | 63 | 53 | 52 | 53 | 50 | 50 | 55 | 52 | 64 | 50 | 59 | 58 | 70 | 54 | 62 | 72 | 68 | 61 | 59 | 76 | 54 | | 57.8 |
| | MIN | 35 | 43 | 42 | 43 | 36 | 41 | 40 | 38 | 47 | 42 | 34 | 36 | 40 | 47 | 46 | 44 | 44 | 46 | 42 | 45 | 44 | 44 | 49 | 49 | 51 | 55 | 52 | 53 | 51 | 50 | | 44.3 |
| CAPE MAY 1 NW | MAX | 42 | 48 | 62 | 55 | 54 | 49 | 46 | 54 | 57 | 76 | 61 | 50 | 50 | 55 | 52 | 50 | 57 | 54 | 61 | 51 | 65 | 62 | 67 | 55 | 63 | 70 | 64 | 61 | 59 | 74 | | 57.5 |
| | MIN | 31 | 32 | 41 | 40 | 37 | 34 | 39 | 39 | 45 | 45 | 36 | 34 | 34 | 44 | 45 | 41 | 39 | 42 | 42 | 43 | 42 | 42 | 46 | 47 | 49 | 51 | 51 | 51 | 45 | 48 | | 41.8 |
| LONG BRANCH 2 S | MAX | 45 | 58 | 54 | 55 | 50 | 46 | 51 | 67 | 79 | 60 | 51 | 58 | 55 | 47 | 48 | 56 | 53 | 62 | 57 | 48 | 46 | 67 | 65 | 62 | 70 | 80 | 72 | 62 | 67 | 54 | | 58.2 |
| | MIN | 27 | 38 | 39 | 37 | 30 | 28 | 37 | 35 | 47 | 40 | 29 | 29 | 32 | 42 | 42 | 42 | 38 | 39 | 34 | 40 | 42 | 41 | 46 | 44 | 47 | 56 | 52 | 52 | 49 | 45 | | 40.0 |
| SANDY HOOK | MAX | | 56 | 56 | 49 | 48 | 49 | 54 | 58 | 67 | 53 | 52 | 54 | 56 | 49 | 46 | 56 | 51 | 60 | 58 | 52 | 44 | 61 | 59 | 54 | 60 | 71 | 64 | 63 | 61 | 50 | | 55.6 |
| | MIN | | 38 | 39 | 40 | 36 | 32 | 37 | 39 | 47 | 43 | 32 | 35 | 38 | 41 | 43 | 43 | 42 | 42 | 41 | 39 | 41 | 44 | 44 | 43 | 46 | 52 | 51 | 50 | 50 | 45 | | 41.8 |

## SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent Standard of Time EASTERN | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 28 | 1.7 | 12.5 | 44++ | 19 | 02 | 78 | 79 | 56 | 73 | 1 | 5 | 3 | 2 | 2 | 0 | 13 | 45 | 6.2 |
| ATLANTIC CITY ST. MARINA | - | - | - | 53 | SSW | 02 | - | - | - | - | 0 | 5 | 3 | 3 | 1 | 0 | 12 | - | - |
| NEWARK WB AIRPORT | 29 | 2.5 | 11.3 | 38++ | 28 | 03 | 64 | 64 | 48 | 55 | 9 | 3 | 2 | 1 | 1 | 0 | 16 | - | 5.6 |
| TRENTON WB CITY | - | - | - | 41 | S | 02 | - | - | - | - | 4 | 3 | 3 | 1 | 2 | 0 | 13 | 55 | 6.1 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 38 | 42 | 54 | 47 | 48 | 50 | 53 | 54 | 55 | 56 | 53 | 55 | 55 | 58 | - | - | - | 65 | 59 | 59 | 48 | 49 | 57 | 52 | 55 | 66 | 66 | 69 | 69 | 72 | | 55.7 |
| | | MIN | 34 | 36 | 39 | 39 | 37 | 36 | 43 | 42 | 45 | 44 | 40 | 39 | 41 | 45 | - | - | - | 48 | 46 | 48 | 47 | 47 | 49 | 49 | 49 | 53 | 56 | 58 | 58 | 57 | | 45.4 |
| | 2 | MAX | 37 | 42 | 52 | 46 | 46 | 47 | 50 | 51 | 52 | 53 | 52 | 48 | 52 | 55 | - | - | - | 64 | 56 | 56 | 48 | 49 | 55 | 52 | 54 | 60 | 63 | 66 | 66 | 68 | | 53.3 |
| | | MIN | 35 | 36 | 40 | 38 | 38 | 38 | 43 | 42 | 43 | 44 | 41 | 40 | 47 | 44 | - | - | - | 50 | 47 | 47 | 47 | 48 | 48 | 48 | 50 | 53 | 56 | 58 | 58 | 58 | | 45.9 |
| | 4 | MAX | 42 | 49 | 45 | 45 | 45 | 43 | 44 | 51 | 50 | 53 | 51 | 47 | 51 | 50 | - | - | - | 62 | 55 | 55 | 49 | 48 | 54 | 50 | 53 | 57 | 60 | 64 | 64 | 66 | | 52.0 |
| | | MIN | 37 | 40 | 40 | 39 | 40 | 39 | 41 | 42 | 43 | 46 | 43 | 42 | 43 | 46 | - | - | - | 50 | 48 | 49 | 47 | 47 | 48 | 50 | 50 | 51 | 56 | 56 | 58 | 59 | | 47.0 |
| | 8 | MAX | 41 | 45 | 44 | 42 | 43 | 43 | 45 | 48 | 47 | 49 | 49 | 46 | 48 | 49 | - | - | - | 56 | 52 | 52 | 50 | 48 | 51 | 50 | 50 | 54 | 55 | 57 | 60 | 61 | | 49.5 |
| | | MIN | 38 | 41 | 42 | 40 | 40 | 41 | 41 | 42 | 43 | 46 | 44 | 44 | 44 | 44 | - | - | - | 50 | 49 | 50 | 48 | 47 | 48 | 50 | 49 | 50 | 53 | 55 | 57 | 57 | | 46.4 |
| | 20 | MAX | 40 | 41 | 43 | 43 | 42 | 42 | 45 | 46 | 44 | 45 | 46 | 46 | 46 | 46 | - | - | - | 55 | 49 | 49 | 49 | 48 | 49 | 49 | 49 | 50 | 51 | 53 | 54 | 55 | | 47.2 |
| | | MIN | 39 | 40 | 41 | 42 | 41 | 42 | 42 | 42 | 42 | 43 | 45 | 44 | 45 | 45 | - | - | - | 48 | 48 | 48 | 48 | 47 | 48 | 48 | 48 | 48 | 50 | 51 | 53 | 54 | | 45.7 |
| | 40 | MAX | 41 | 42 | 43 | 43 | 42 | 42 | 45 | 46 | 43 | 45 | 47 | 46 | 46 | 46 | - | - | - | 54 | 47 | 47 | 47 | 47 | 47 | 48 | 48 | 48 | 48 | 49 | 50 | 50 | | 46.2 |
| | | MIN | 41 | 41 | 41 | 42 | 41 | 42 | 42 | 42 | 42 | 43 | 45 | 44 | 45 | 45 | - | - | - | 46 | 46 | 47 | 47 | 47 | 47 | 47 | 48 | 47 | 48 | 48 | 49 | 50 | | 45.0 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 40 | 56 | 53 | 56 | 52 | 54 | 56 | 59 | 61 | 64 | 56 | 59 | 62 | 65 | - | - | - | 68 | 63 | 63 | 48 | 48 | 62 | 52 | 55 | 71 | 71 | 75 | 74 | 75 | | 59.9 |
| | | MIN | 35 | 39 | 39 | 38 | 36 | 36 | 43 | 42 | 43 | 40 | 37 | 38 | 37 | 44 | - | - | - | 46 | 41 | 47 | 47 | 45 | 48 | 48 | 48 | 50 | 56 | 58 | 56 | 54 | | 44.1 |
| | 2 | MAX | 40 | 54 | 52 | 55 | 51 | 53 | 55 | 57 | 59 | 61 | 55 | 56 | 60 | 63 | - | - | - | 66 | 61 | 62 | 48 | 48 | 60 | 52 | 55 | 68 | 69 | 73 | 72 | 74 | | 58.6 |
| | | MIN | 35 | 38 | 39 | 38 | 36 | 36 | 43 | 42 | 43 | 40 | 37 | 38 | 37 | 42 | - | - | - | 46 | 42 | 47 | 47 | 45 | 48 | 48 | 48 | 50 | 56 | 58 | 57 | 55 | | 44.1 |
| | 4 | MAX | 40 | 48 | 48 | 50 | 48 | 49 | 47 | 52 | 53 | 54 | 52 | 47 | 53 | 55 | - | - | - | 64 | 57 | 56 | 48 | 48 | 56 | 51 | 53 | 59 | 63 | 66 | 66 | 68 | | 53.7 |
| | | MIN | 36 | 38 | 41 | 42 | 38 | 38 | 43 | 42 | 42 | 41 | 40 | 39 | 40 | 42 | - | - | - | 46 | 45 | 48 | 47 | 46 | 47 | 47 | 49 | 50 | 56 | 58 | 57 | 58 | | 45.1 |
| | 8 | MAX | 39 | 43 | 45 | 47 | 45 | 45 | 45 | 49 | 48 | 49 | 50 | 46 | 49 | 50 | - | - | - | 53 | 56 | 52 | 49 | 48 | 52 | 50 | 51 | 54 | 57 | 60 | 61 | 62 | | 50.2 |
| | | MIN | 37 | 38 | 42 | 42 | 41 | 41 | 44 | 42 | 42 | 43 | 43 | 42 | 43 | 43 | - | - | - | 49 | 48 | 49 | 48 | 47 | 47 | 47 | 50 | 50 | 54 | 57 | 58 | 59 | | 46.1 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# EVAPORATION AND WIND

| Station | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * *<br>NORTHERN | 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | | EVAP | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .33 | .31 | .19 | .27 | .15 | .06 | * | .18 | .02 | .03 | .25 | .20 | .09 | .13 | .20 | | - |
| | | WIND | 35 | 47 | 123 | 70 | 45 | 33 | 85 | 53 | 92 | 57 | 63 | 53 | 41 | 36 | 105 | 79 | 46 | 47 | 46 | 58 | 56 | 39 | 67 | 58 | 35 | 36 | 66 | 53 | 18 | 59 | | 1701 |
| | | MAX | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 65 | 69 | 68 | 70 | 68 | 46 | 47 | 68 | 62 | 67 | 85 | 76 | 80 | 78 | 80 | | - |
| | | MIN | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 48 | 44 | 46 | 48 | 46 | 42 | 43 | 45 | 46 | 46 | 40 | 52 | 57 | 57 | 53 | | - |
| * * *<br>SOUTHERN | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEABROOK FARMS | | EVAP | - | - | .30 | .16 | .04 | .24 | .07 | .16 | .21 | .19 | .25 | .20 | .17 | .14 | - | .07 | .21 | * | * | .50 | .03 | .07 | .25 | .03 | .12 | .12 | .23 | .10 | .12 | .26 | | 4.718 |
| | | MAX | - | - | 60 | 60 | 53 | 63 | 55 | 62 | 68 | 71 | 66 | 60 | 70 | 62 | 47 | 51 | 75 | 67 | - | 72 | 52 | 62 | 74 | 59 | 62 | 77 | 68 | 71 | 77 | 85 | | 64.8 |
| | | MIN | - | - | 37 | 39 | 42 | 37 | 38 | 38 | 40 | 45 | 38 | 38 | 38 | 41 | 42 | 38 | 41 | 44 | - | 40 | 39 | 44 | 47 | 49 | 52 | 51 | 53 | 57 | 55 | 55 | | 43.6 |

# SNOWFALL AND SNOW ON GROUND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | 6 | 3 | T | T | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHARLOTTEBURG | SNOWFALL | 2.0 | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | 5 | 3 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FLEMINGTON 1 NE | SNOWFALL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | 3 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAMBERTVILLE | SNOWFALL | | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | SNOWFALL | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | 7 | 4 | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORRIS PLAINS 1 W | SNOWFALL | 1.0 | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | 6 | 4 | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWARK WB AIRPORT | SNOWFALL | | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | 2 | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | WTR EQUIV | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWTON | SNOWFALL | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | 6 | 3 | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PATERSON | SNOWFALL | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOMERVILLE | SNOWFALL | 1.0 | | | | | | T | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | 4 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WANAQUE RAYMOND DAM | SNOWFALL | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | 10 | 5 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | SNOWFALL | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | SNOWFALL | | T | | | | | T | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOORESTOWN | SNOWFALL | | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | SNOWFALL | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRENTON WB CITY | SNOWFALL | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES: TEMP. | PRECIP. | EVAP. | SPECIAL | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY R | 0325 | 02 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0348 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT H. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1355 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. MILLIS |
| CAPE MAY 1 NW | 1351 | 02 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL H. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F DROPPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | UNION COLLEGE |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | CLOSED 2/13/70 |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A | | | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4539 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. L. CASE |
| LAYTON 2 | 4756 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A | | | ROBERT WELSH |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4907 | 02 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5035 | 02 | BURLINGTON | 7 | 39 55 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 05 | 72 | 9A | 9A | | H | MRS WESLEY F. PATIENCE |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 60 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | M. J. WILLARD |
| MORRIS PLAINS 1 W | 5789 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. DARRIS, III |
| NEWARK WB AIRPORT R | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | C GH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 05 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7320 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 18 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 02 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | 01 | SOMERSET | 10 | 40 35 | 74 37 | 90 | 6P | 6P | | H | W. E. MAYER |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA MILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWRENCE PASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 23 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 5 | 5P | 5P | | | CREAM VALLEY DAIRY |
| CLOSED STATION | | | | | | | | | | | | |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 5P | 5P | | | CLOSED 2/13/70 |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

  No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

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Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-6/4/70-920

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY

MAY 1970

Volume 75 No. 5

## CLIMATOLOGICAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 71.8 | 48.2 | 60.0 | - 2.2 | 89 | 11 | 32 | 7 | 186 | 0 | 0 | 1 | 0 | 3.24 | - .79 | 1.40 | 20 | .0 | 0 | | 5 | 2 | 1 |
| BOONTON 1 SE | 71.0 | 49.1 | 60.1 | 1.0 | 87 | 11 | 34 | 8 | 185 | 0 | 0 | 0 | 0 | 2.91 | - 1.25 | .61 | 18 | .0 | 0 | | 9 | 2 | 0 |
| CANOE BROOK | 71.7 | 47.8 | 59.8 | .9 | 91 | 11 | 32 | 7 | 204 | 1 | 0 | 1 | 0 | 2.56 | - 1.59 | .60 | 17 | .0 | 0 | | 7 | 2 | 0 |
| CHARLOTTEBURG | 69.2 | 47.5 | 58.4 | .0 | 86 | 11 | 32 | 7 | 225 | 0 | 0 | 1 | 0 | 3.19 | - .96 | .79 | 17 | .0 | 0 | | 8 | 1 | 0 |
| CRANFORD | 75.3 | 50.9 | 63.1 | | 92 | 10 | 34 | 7 | 128 | 2 | 0 | 0 | 0 | 4.29 | | 1.60 | 17 | .0 | 0 | | 7 | 3 | 1 |
| ESSEX FELLS SERV BLDG | 71.4 | 48.4 | 59.9 | | 91 | 11 | 28 | 7 | 201 | 1 | 0 | 1 | 0 | 2.48 | | .66 | 13 | .0 | 0 | | 9 | 2 | 0 |
| FLEMINGTON 1 NE | 72.3 | 47.8 | 60.1 | - 1.7 | 90 | 11 | 29 | 7 | 186 | 1 | 0 | 2 | 0 | 3.05 | - .96 | .71 | 18 | .0 | 0 | | 7 | 2 | 0 |
| HIGH POINT PARK | 69.2 | 47.6 | 58.4 | | 85 | 10 | 33 | 8+ | 228 | 0 | 0 | 0 | 0 | 3.85 | | .83 | 13 | .0 | 0 | | 8 | 4 | 0 |
| JERSEY CITY | 70.1 | 55.3 | 62.7 | 1.5 | 89 | 10 | 38 | 7 | 127 | 0 | 0 | 0 | 0 | 2.40 | - 1.35 | .65 | 26 | .0 | 0 | | 5 | 3 | 0 |
| LAMBERTVILLE | 76.2 | 51.0 | 63.6 | 2.0 | 91 | 10 | 35 | 7 | 109 | 1 | 0 | 0 | 0 | 3.95 | - .13 | .96 | 17 | .0 | 0 | | 8 | 3 | 0 |
| LAYTON 2 | M | 45.9M | M | | | | 26 | 8+ | | 0 | 0 | 2 | 0 | 3.27 | | .63 | 3 | .0 | 0 | | 9 | 3 | 0 |
| LITTLE FALLS | 72.2 | 50.7 | 61.5 | .3 | 92 | 11 | 35 | 7 | 168 | 1 | 0 | 0 | 0 | 3.08 | - 1.25 | 1.43 | 17 | .0 | 0 | | 7 | 1 | 1 |
| LONG VALLEY | 70.1 | 46.6 | 58.4 | | 86 | 11 | 29 | 7 | 229 | 0 | 0 | 1 | 0 | 3.09 | - 1.08 | .76 | 20 | .0 | 0 | | 8 | 2 | 0 |
| MORRIS PLAINS 1 W | 71.3 | 48.9 | 60.1 | | 90 | 11 | 33 | 7 | 193 | 1 | 0 | 0 | 0 | 3.54 | | .59 | 17 | .0 | 0 | | 9 | 3 | 0 |
| NEWARK WB AIRPORT R | 73.7 | 55.5 | 64.6 | 2.6 | 92 | 10 | 38 | 7 | 97 | 2 | 0 | 0 | 0 | 2.64 | - 1.01 | .93 | 26 | .0 | 0 | | 4 | 2 | 0 |
| NEWTON | 71.6 | 47.4 | 59.5 | .5 | 89 | 11 | 29 | 8+ | 197 | 0 | 0 | 2 | 0 | 2.68 | - 1.27 | .71 | 20 | .0 | 0 | | 6 | 1 | 0 |
| PATERSON | 72.1 | 53.0 | 62.6 | .7 | 94 | 11 | 37 | 7 | 141 | 2 | 0 | 0 | 0 | 2.41 | - 1.89 | .51 | 18 | .0 | 0 | | 8 | 1 | 0 |
| PHILLIPSBURG | 73.8 | 49.3 | 61.6 | .2 | 90 | 11 | 33 | 7 | 148 | 1 | 0 | 0 | 0 | 4.44 | .29 | .96 | 20 | .0 | 0 | | 7 | 4 | 0 |
| PLAINFIELD | 75.0 | 51.3 | 63.2 | 2.0 | 92 | 10 | 32 | 7 | 127 | 2 | 0 | 1 | 0 | 4.94 | .80 | 2.40 | 26 | .0 | 0 | | 6 | 3 | 1 |
| SOMERVILLE 3 NW | 72.2 | 48.9 | 60.6 | - .5 | 90 | 11 | 31 | 7 | 180 | 1 | 0 | 1 | 0 | 4.37 | .56 | 1.39 | 27 | .0 | 0 | | 5 | 4 | 1 |
| SUSSEX 1 SE | 70.6M | 45.0M | 57.8M | - 2.1 | 88 | 11 | 26 | 7 | 239 | 0 | 0 | 1 | 0 | 2.73 | - 1.04 | .53 | 18 | .0 | 0 | | 6 | 1 | 0 |
| DIVISION | | | 60.8 | .3 | | | | | | | | | | 3.29 | - .78 | | | .0 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 71.9 | 51.0 | 61.5 | .2 | 89 | 10 | 36 | 7 | 166 | 0 | 0 | 0 | 0 | 1.81 | - 1.70 | .52 | 19 | .0 | 0 | | 6 | 1 | 0 |
| AUDUBON | 76.6 | 53.3 | 65.0 | | 93 | 10 | 39 | 7 | 82 | 2 | 0 | 0 | 0 | 3.90 | | 2.39 | 26 | .0 | 0 | | 5 | 2 | 1 |
| BELLEPLAIN ST FOREST | 76.8 | 49.9 | 63.4 | | 92 | 9 | 28 | 7 | 125 | 3 | 0 | 1 | 0 | 2.09 | - 1.74 | .51 | 17 | .0 | 0 | | 8 | 1 | 0 |
| BURLINGTON | 79.7M | 52.8M | 66.3M | 2.1 | 94 | 11 | 37 | 7 | | 6 | 0 | 0 | 0 | | | .87 | 27 | .0 | 0 | | 6 | 4 | 0 |
| CHATSWORTH | 76.8 | 50.1 | 63.5 | | 93 | 11+ | 33 | 7 | 114 | 5 | 0 | 0 | 0 | 1.69 | | .72 | 20 | .0 | 0 | | 4 | 1 | 0 |
| FREEHOLD | 71.7 | 49.5 | 60.6 | - 1.0 | 93 | 11 | 31 | 7 | 185 | 1 | 0 | 1 | 0 | 1.87 | - 2.16 | .57 | 18 | .0 | 0 | | 5 | 1 | 0 |
| GLASSBORO | 73.9 | 51.4 | 62.7 | | 93 | 11 | 39 | 7 | 136 | 1 | 0 | 0 | 0 | 3.35 | | 1.77 | 26 | .0 | 0 | | 6 | 2 | 1 |
| HAMMONTON 2 NNE | 74.8 | 50.9 | 62.9 | .2 | 95 | 11 | 35 | 7 | 138 | 5 | 0 | 0 | 0 | 2.06 | - 1.86 | .56 | 20 | .0 | 0 | | 8 | 1 | 0 |
| HIGHTSTOWN 1 N | 74.2 | 50.7 | 62.5 | 1.1 | 92 | 10 | 32 | 7 | 138 | 1 | 0 | 1 | 0 | 1.98 | - 1.74 | .73 | 17 | .0 | 0 | | 4 | 1 | 0 |
| INDIAN MILLS 2 W | 75.5 | 49.8 | 62.7 | .7 | 94 | 10 | 32 | 7 | 135 | 2 | 0 | 1 | 0 | 1.51 | - 2.37 | .50 | 17 | .0 | 0 | | 4 | 1 | 0 |
| MILLVILLE FAA AIRPORT | 74.2 | 51.9 | 63.1 | | 89 | 23+ | 35 | 7 | 124 | 0 | 0 | 0 | 0 | 1.94 | | .49 | 17 | .0 | 0 | | 7 | 0 | 0 |
| MOORESTOWN | 75.9 | 53.6 | 64.8 | 3.1 | 91 | 10 | 35 | 6 | 104 | 1 | 0 | 0 | 0 | 4.65 | .58 | 1.85 | 26 | .0 | 0 | | 4 | 4 | 2 |
| NEW BRUNSWICK | 71.4 | 51.0 | 61.2 | - .4 | 91 | 11 | 34 | 7 | 168 | 1 | 0 | 0 | 0 | 2.12 | - 1.63 | .54 | 18 | .0 | 0 | | 6 | 1 | 0 |
| PEMBERTON 3 E | 76.0 | 50.1 | 63.1 | .4 | 91 | 10 | 32 | 7 | 121 | 2 | 0 | 1 | 0 | 2.54 | - 1.22 | .61 | 17 | .0 | 0 | | 5 | 2 | 0 |
| SEABROOK FARMS | 74.1 | 51.8 | 63.0 | | 89 | 24+ | 33 | 7 | 129 | 0 | 0 | 0 | 0 | 1.58 | | | | .0 | 0 | | | 0 | 0 |
| SHILOH | 75.5 | 52.8 | 64.2 | 1.2 | 88 | 23+ | 34 | 7 | 94 | 0 | 0 | 0 | 0 | 2.18 | - 1.78 | .95 | 24 | .0 | 0 | | 5 | 1 | 0 |
| TOMS RIVER | 71.0 | 50.2 | 60.6 | | 92 | 11 | 33 | 7 | 184 | 1 | 0 | 0 | 0 | 2.56 | | .69 | 24 | .0 | 0 | | 7 | 2 | 0 |
| TRENTON WB CITY R | 72.7 | 54.4 | 63.6 | 1.3 | 90 | 10 | 38 | 7 | 119 | 1 | 0 | 0 | 0 | 3.02 | - .60 | 1.18 | 23 | .0 | 0 | | 6 | 2 | 1 |
| TUCKERTON | 72.4 | 51.0 | 61.7 | | 90 | 13+ | 33 | 7 | 149 | 2 | 0 | 0 | 0 | 2.15 | | .55 | 17 | .0 | 0 | | 8 | 1 | 0 |
| WOODSTOWN | 77.1M | 51.5M | 64.3M | | 91 | 10 | 33 | 7 | 95 | 2 | 0 | 0 | 0 | 1.89 | | .73 | 17 | .0 | 0 | | 5 | 1 | 0 |
| DIVISION | | | 63.0 | .9 | | | | | | | | | | 2.36 | - 1.42 | | | .0 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 67.9 | 54.8 | 61.4 | 1.9 | 87 | 9 | 38 | 7 | 142 | 0 | 0 | 0 | 0 | 2.46 | - .70 | .71 | 26 | | | | 7 | 2 | 0 |
| CAPE MAY 1 NW | 68.9 | 52.7 | 60.8 | | 86 | 10 | 37 | 7 | 163 | 0 | 0 | 0 | 0 | 2.54 | | .60 | 18 | .0 | 0 | | 5 | 3 | 0 |
| LONG BRANCH 2 S | 68.6 | 52.0 | 60.3 | .5 | 88 | 9 | 35 | 7 | 179 | 0 | 0 | 0 | 0 | 1.80 | - 1.69 | .77 | 17 | .0 | 0 | | 5 | 1 | 0 |
| SANDY HOOK | 66.6 | 53.1M | 59.9M | | 82 | 10+ | 39 | 7 | 178 | 0 | 0 | 0 | 0 | 1.33 | | .70 | 18 | .0 | 0 | | 4 | 1 | 0 |
| DIVISION | | | 60.6 | .6 | | | | | | | | | | 2.03 | - 1.23 | | | .0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>HAMMONTON 2 NNE | 95 | DATE | 11 |
| LOWEST TEMPERATURE<br>2 STATIONS | 26 | DATE | 08+ |
| GREATEST TOTAL PRECIPITATION<br>PLAINFIELD | 4.94 | | |
| LEAST TOTAL PRECIPITATION<br>SANDY HOOK | 1.33 | | |
| GREATEST 1 DAY PRECIPITATION<br>WEST WHARTON | 2.67 | DATE | 27 |

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See Reference Notes Following Station Index

# DAILY PRECIPITATION

NEW JERSEY
MAY 1970

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BELVIDERE | 3.24 |  |  | .48 | .06 |  | .09 |  |  | T |  |  |  | .07 | .12 | .02 |  | .04 | .70 | T | 1.40 |  |  | T | .10 | .06 | .02 | .08 |  |  |  |  |
| BERNARDSVILLE 2 E | 2.41 |  |  | .07 | .05 |  | .02 |  |  | .01 |  |  |  | .13 | .14 | .04 |  | .38 | .58 | .03 | .36 |  |  |  | .25 | .05 | .02 | .28 |  |  |  |  |
| BLACKWELLS MILLS | 3.18 |  |  | .01 | .03 |  | .01 |  |  | .04 |  |  |  |  | .05 | .03 |  | .23 | .62 | .05 | .63 |  |  |  | .27 | .09 | .02 | 1.10 |  |  |  |  |
| BOONTON 1 SE | 2.91 |  |  | .10 | .04 | T | .04 |  |  | .07 |  |  |  | .39 | .10 | .05 | T | .55 | .61 | .04 | .22 | T | T | .39 | .04 | .10 | .04 | .13 | T |  |  |  |
| BOUND BROOK 2 W | 3.85 |  |  | .01 | .02 |  |  |  |  | T |  |  |  | .20 | .16 |  |  | .28 | .65 |  | .68 |  |  |  | .13 | .06 | T | 1.66 |  |  |  |  |
| BRANCHVILLE | 2.93 |  |  | .46 | T |  | .09 |  |  | .09 |  | T |  | .06 | .01 | .17 | T | .14 | .48 |  | .55 |  |  | .26 | .44 | .08 | .05 | .05 |  |  |  |  |
| CANISTEAR RESERVOIR | 2.79 |  |  | .29 | .03 |  | .05 |  |  | .10 |  |  |  | .06 | .19 | .19 |  | .42 | .36 | T | .25 |  |  | .12 | .50 | .13 | .03 | .07 |  |  |  |  |
| CANOE BROOK | 2.56 |  |  | .08 | .05 |  | T |  |  | .04 |  |  |  | .01 | .10 | .02 |  | .60 | .55 | .15 | .21 |  |  |  | .25 | .05 | .04 | .41 |  |  |  |  |
| CHARLOTTEBURG | 3.19 |  |  | .15 | .08 |  | .03 |  |  | .07 |  |  |  | .02 | T | .09 |  | .79 | .45 | T | .19 |  |  | .29 | .48 | .12 | .07 | .36 |  |  |  |  |
| CLINTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CRANFORD | 4.29 |  |  | .10 |  |  |  |  | .02 | T |  |  |  | .65 | .09 | .02 | T | 1.60 | .09 | .06 | .20 |  |  | T | .05 | .13 | .85 | .43 |  |  |  |  |
| ESSEX FELLS SERV BLDG | 2.48 |  |  |  | .06 |  | .02 |  |  | .06 |  |  |  | .66 | .14 | .02 |  | .14 | .56 | .03 | .15 |  |  | .14 | .23 | .12 | .02 | .13 |  |  |  |  |
| FLEMINGTON 1 NE | 3.05 |  |  | .11 |  |  | .06 |  |  |  |  |  |  | .05 | .03 | .08 |  | .25 | .71 | .04 | .58 |  |  |  | .49 | .16 | .04 | .45 |  |  |  |  |
| GREENWOOD LAKE | 2.63 |  |  | .20 | .08 |  |  |  |  | .13 |  |  |  | .03 | .01 | .18 |  | .48 | .45 | .05 | .08 |  |  | .18 | .30 | .33 | .05 | .08 |  |  |  |  |
| HIGH POINT PARK | 3.85 |  |  | .57 |  |  |  |  |  | T |  |  |  | .83 |  | .18 | T | .35 | .45 |  | .37 |  |  | T | .60 |  | .50 |  |  |  |  |  |
| JERSEY CITY | 2.40 |  |  | .03 |  |  |  |  | T |  |  |  | .06 | .52 | .11 |  | .02 | .60 | .06 | .06 |  |  | .07 | .12 | .07 | .03 | .65 |  |  |  |  |  |
| LAMBERTVILLE | 3.95 |  |  | .09 |  |  | T |  | .20 |  |  |  |  | .11 | T | .02 |  | .96 | .21 |  | .58 |  |  | .42 | .86 | .01 | .46 | .03 |  |  |  |  |
| LAYTON 2 | 3.27 |  |  | .63 |  | T | .07 |  |  | .05 |  |  |  | .23 | .05 | .10 |  | .20 | .61 | T | .54 |  |  | .11 | .42 | .05 | .21 | T |  |  |  |  |
| LITTLE FALLS | 3.08 |  |  | .12 | .02 |  | .03 |  |  | .05 |  |  |  | .25 | .08 | .04 |  | 1.43 | .31 | .03 | .08 |  |  | .22 | .05 | .11 | .03 | .23 |  |  |  |  |
| LONG VALLEY | 3.09 |  |  | .21 |  |  |  |  |  | .08 |  |  |  | .45 | .10 |  |  | .65 | .29 |  | .76 |  |  |  | .24 | .08 | .03 | .20 |  |  |  |  |
| MAHWAH | 3.87 |  |  | .15 | .01 |  | .02 |  |  | .10 |  |  |  | .03 | .29 | .18 |  | 1.56 | .45 | .08 | .05 |  |  | .03 | .41 | .14 | .04 | .33 |  |  |  |  |
| MIDLAND PARK | 3.34 |  |  | .04 |  | .02 | .01 |  | .10 |  |  |  | .01 |  | .19 |  | .48 | .80 | .10 | .04 | .09 |  | .12 | .04 | .58 | .07 | .65 |  |  |  |  |  |
| MILTON | 2.58 |  |  | .28 |  |  | .12 |  |  | .07 |  |  |  | .14 |  | .12 |  | .18 | .54 | .11 | .30 |  |  | .21 | .31 | .06 | .02 | .12 |  |  |  |  |
| MORRIS PLAINS 1 W | 3.54 |  |  | .11 | .06 |  | .06 |  |  | .06 |  |  |  | .30 | .13 | .07 | T | .59 | .54 | .05 | .44 |  | T | .30 | .57 | .11 | .07 | .08 |  |  |  |  |
| NEWARK WB AIRPORT R | 2.64 |  |  | .07 | T |  | T |  | .05 |  |  |  | T | .48 | .08 |  | .02 | .66 | .02 | .03 | .02 |  | .08 | .03 | .05 | .12 | .93 |  |  |  |  |  |
| NEW MILFORD | 1.60 |  |  | .11 |  |  |  |  | .05 |  |  |  | .05 |  | .07 |  | .03 | .57 | .11 | .06 |  |  | .17 | .01 | .13 | .04 | .20 |  |  |  |  |  |
| NEWTON | 2.68 |  |  | .45 | .03 |  | .07 |  |  | .07 |  |  |  | .06 | .01 | .06 |  | .11 | .47 |  | .71 |  |  | .34 | .20 | .07 | .02 | .01 |  |  |  |  |
| OAK RIDGE RESERVOIR | 3.15 |  |  | .24 | .04 |  | .11 |  |  | .06 |  |  |  | .13 | .04 | .12 |  | .38 | .52 | .09 | .32 |  |  | .39 | .44 | .11 | .04 | .12 |  |  |  |  |
| PATERSON | 2.41 |  |  | .12 | .02 |  | .12 |  |  | .04 |  |  |  | .04 | .02 | .06 |  | .49 | .51 | .08 | .04 |  |  | .30 | .10 | .12 | .05 | .30 |  |  |  |  |
| PHILLIPSBURG | 4.44 |  |  | .39 | .05 |  |  |  |  | .04 |  |  |  | .15 | .70 |  |  | .06 | .76 | .03 | .96 |  |  |  | .49 |  | .02 | .79 |  |  |  |  |
| PLAINFIELD | 4.94 |  |  | .09 |  |  |  |  | .01 |  |  |  |  | .54 | .39 |  |  | .90 | T | .03 | .27 |  |  | .22 | T | .09 | 2.40 |  |  |  |  |  |
| POTTERSVILLE 2 NNW | 2.97 | T |  | .18 | .03 |  | .05 |  |  | T |  |  |  | .38 | .16 | .05 |  | .15 | .59 |  | .83 |  |  |  | .26 | .06 | .02 | .21 |  |  |  |  |
| RAHWAY | 3.93 |  |  | .05 |  |  |  |  |  |  |  |  |  | .13 |  |  | .15 | .80 | .13 | .14 | .03 |  |  |  | .22 | .03 | 2.25 |  |  |  |  |  |
| RINGWOOD | 2.23 |  |  | .18 |  |  |  |  | T | .03 |  |  |  |  | .16 |  |  | .82 | .39 | .04 | .05 |  |  | .04 | .34 | .09 | T | .09 |  |  |  |  |
| SOMERVILLE 3 NW | 4.37 |  |  | .08 | .04 |  | .02 |  |  | .01 |  |  |  | T | .74 | .03 |  | .08 | .65 | .03 | .85 |  |  |  | .38 | .06 | .01 | 1.39 |  |  |  |  |
| SPLIT ROCK POND | 4.30 |  |  | .18 | .01 |  | .02 |  |  | .04 |  |  |  | .22 | .04 | .05 | .02 | .66 | .67 | .22 | .24 |  |  | .25 | .14 | .12 | .06 | 1.36 |  |  |  |  |
| SUSSEX 1 SE | 2.73 |  |  | .44 | .05 |  | .07 |  |  | .06 |  |  | .06 | .15 | .07 | .13 | .01 | .07 | .53 | .03 | .48 | .01 |  | .07 | .42 | .07 | .01 |  |  |  |  |  |
| WANAQUE RAYMOND DAM | 3.33 |  |  | .12 | .05 |  | .01 |  |  | .04 |  |  |  | T | .01 | .12 |  | .80 | .55 | .03 | .08 |  |  | .27 | .60 | .08 | .02 | .55 |  |  |  |  |
| WERTSVILLE | 3.04 |  |  | .08 | .01 |  |  |  |  | .02 |  |  |  | .15 |  | .08 |  | .42 | .68 | .03 | .79 |  |  |  | .47 | .10 | T | .20 | .01 |  |  |  |
| WEST WHARTON | 4.62 |  |  | .15 | .05 |  | .07 |  |  | .04 |  |  |  | .15 | .06 | .05 |  | .14 | .51 | .02 | .41 |  |  | .17 | .03 | .06 | .04 | 2.67 |  |  |  |  |
| WOODCLIFF LAKE | 2.53 |  |  | .15 |  | .05 |  |  | .08 |  |  |  | .02 |  | .05 |  | .09 | .65 | .08 | .09 |  |  | .17 | .03 | .57 | .05 | .45 |  |  |  |  |  |
| * * * SOUTHERN 02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY WB AP | 1.81 |  |  | T | .25 | .10 | .06 |  |  |  |  |  |  |  | .06 |  | .11 | .34 |  | .52 |  | T | T | .01 | .05 | .06 | .25 |  |  |  |  |  |
| AUDUBON | 3.90 |  |  | T | T | T |  |  |  |  |  |  |  |  | .15 |  |  | .78 | T | .09 | .15 |  |  | .34 |  | T | 2.39 |  |  |  |  |  |
| BASS RIVER ST FOREST | 1.93 |  |  |  | .12 | .03 | .07 |  |  |  |  |  |  |  |  |  |  | .08 | .31 |  | .71 |  |  |  | .24 |  |  | .37 |  |  |  |  |
| BELLEPLAIN ST FOREST | 2.09 |  |  | .03 | .17 | .28 | .27 |  |  |  |  |  |  |  | .13 | .13 |  | .51 | .01 |  | .11 |  |  |  | T |  | .45 | T |  |  |  |  |
| BURLINGTON | - |  |  |  | .01 |  | .03 |  | - | - | — |  | .22 |  |  |  |  | .78 | .10 |  | .54 |  | - | - |  | .74 |  | .87 |  |  |  |  |
| CANTON | 1.51 |  |  |  |  | .25 |  |  |  |  |  |  |  |  | .08 |  | .03 | .21 |  |  | .33 |  |  |  | .55 | .05 | .01 |  |  |  |  |  |
| CHATSWORTH | 1.69 |  |  | .20 | .07 |  |  |  |  |  |  |  | .06 |  |  |  |  | .40 | .07 |  | .72 |  |  |  | .11 |  | .02 | .04 |  |  |  |  |
| FORTESCUE | 1.77 |  |  |  | .15 | .45 | .10 |  |  |  |  |  |  |  |  | .25 |  | .17 |  |  | .40 |  |  |  |  |  | .25 |  |  |  |  |  |
| FREEHOLD | 1.87 |  |  |  | .11 | .02 | T |  |  | .02 |  |  | T |  |  | .05 |  | .04 | .57 | .05 | .35 |  | .02 |  | .35 | .05 | .03 | .21 |  |  |  |  |
| GLASSBORO | 3.35 |  |  | .07 | .11 |  |  |  |  |  |  |  |  |  | .32 | T |  | .68 |  | .19 | T |  |  |  | .20 | .01 | 1.77 | T |  |  |  |  |
| HAMMONTON 2 NNE | 2.06 |  |  |  | .12 | .20 |  |  |  |  |  |  |  | .35 |  | T |  | .16 | .17 | T | .56 |  |  |  | .36 | .02 |  | .12 |  |  |  |  |
| HIGHTSTOWN 1 N | 1.98 |  |  | .01 | T |  | T |  | .02 |  |  |  | T | .02 | .05 | .02 | T | .73 | .06 | .12 | .34 |  |  | .44 | .03 | .05 | .07 | .02 |  |  |  |  |
| INDIAN MILLS 2 W | 1.51 |  |  | .07 | .09 |  | T |  |  |  |  |  |  | T | T | .02 | T | .50 | T | T | .40 |  |  | T | .01 |  | .13 | .29 |  |  |  |  |
| MAYS LANDING 1 W | 2.65 |  |  |  | .07 | .28 | .08 |  | T |  |  |  |  | .36 | .04 | .36 |  |  | .36 |  | .55 |  |  |  | .18 | .03 | .03 | .31 |  |  |  |  |
| MILLVILLE FAA AIRPORT | 1.94 |  |  | T | .29 | .06 | T |  |  |  |  | T |  | T | .17 |  | T | .49 | T | .13 | T |  | T | .46 | .14 | .02 | .18 |  |  |  |  |  |
| MOORESTOWN | 4.65 |  |  | .02 | .03 | .01 |  |  |  |  |  |  |  |  | .06 |  |  | 1.30 |  | .68 |  |  |  |  | .63 | .07 | 1.85 |  |  |  |  |  |
| NEW BRUNSWICK | 2.12 |  |  | .03 | .03 |  | .02 |  | T | .01 |  |  |  |  | .04 | T | T | .34 | .54 | .03 | .36 |  |  |  | .40 | .19 | .01 | .12 |  |  |  |  |
| PEMBERTON 3 E | 2.54 |  |  | .06 | .03 |  | .04 |  | .06 |  |  |  |  |  |  |  |  | .61 | .05 |  | .49 |  |  | .06 | .42 |  | .19 | .53 |  |  |  |  |
| PRINCETON WATER WORKS | 3.82 |  |  | .02 |  |  | T |  | T |  |  |  |  |  | .07 |  | T | .61 | .09 | .81 |  |  |  | 1.51 | T | .10 | .61 |  |  |  |  |  |
| SEABROOK FARMS | 1.58 |  |  |  | .14 | .20 | .02 |  |  |  |  | T |  |  | .05 | .23 | T | * | .46 | T | .09 |  |  |  | .26 | .04 | .02 | .07 |  |  |  |  |
| SHILOH | 2.18 |  |  |  | .19 | .03 | .07 |  |  |  |  | .01 |  |  | .08 | .10 |  | .48 |  |  | .13 |  |  |  | .95 | .07 | .07 |  |  |  |  |  |
| TOMS RIVER | 2.56 |  |  |  | .14 | .12 | .02 |  |  | .14 |  |  |  | .50 |  |  |  | .02 | .37 | .03 | .40 |  |  |  | .69 | .09 | .02 | .02 |  |  |  |  |
| TRENTON WB CITY R | 3.02 |  |  | .01 | T | T |  |  | .21 |  |  |  | .05 |  | .02 |  | T | .57 | .01 | .49 |  |  | T | 1.18 | .14 | .01 | .33 |  |  |  |  |  |
| TUCKERTON | 2.15 |  |  |  | .24 | .10 | .20 |  | T |  |  | T | T |  | T |  | T | .55 | .03 | .12 | .44 |  | T | .04 | .22 | .01 | .20 | T |  |  |  |  |
| WOODSTOWN | 1.89 |  |  | .03 | .07 | .01 |  |  | T |  |  |  |  |  | T | .15 | T | .73 | .01 | T | .07 |  |  | .10 | .01 | .03 | .26 | .42 |  |  |  |  |
| * * * COASTAL 03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY R | 2.46 |  |  |  | .32 |  | .15 |  |  |  |  |  |  |  | .07 |  |  | .38 | .01 | .60 |  |  |  | .10 | .02 | .10 | .71 |  |  |  |  |  |
| CAPE MAY 1 NW | 2.54 |  |  |  | .06 | .58 | .07 |  |  |  |  |  |  |  | .07 | .03 |  |  | .60 |  | .23 |  |  |  | .27 | .52 | .02 | .09 |  |  |  |  |
| LONG BRANCH 2 S | 1.80 |  |  | .11 | .02 | T | .05 |  | T |  | T | T |  |  |  | .02 | .01 | .77 | .05 | .09 | .12 |  |  |  | .05 | .09 | .15 | .27 |  |  |  |  |
| SANDY HOOK | 1.33 |  |  | .04 |  |  |  |  | .01 |  |  |  |  |  |  | .01 |  |  | .70 |  | .14 |  |  |  |  |  | .26 | .17 |  |  |  |  |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| • • • | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 67 | 80 | 78 | 65 | 61 | 74 | 54 | 62 | 73 | 86 | 89 | 83 | 84 | 84 | 62 | 64 | 60 | 60 | 66 | 77 | 84 | 77 | 82 | 80 | 62 | 58 | 74 | 66 | 70 | 74 | 70 | 71.8 |
| | MIN | 49 | 52 | 46 | 46 | 46 | 40 | 32 | 35 | 44 | 49 | 58 | 54 | 57 | 61 | 52 | 45 | 47 | 47 | 47 | 54 | 47 | 51 | 56 | 58 | 53 | 54 | 45 | 42 | 45 | 41 | 41 | 48.2 |
| BOONTON 1 SE | MAX | 63 | 80 | 78 | 62 | 68 | 73 | 51 | 59 | 71 | 83 | 87 | 82 | 84 | 82 | 60 | 64 | 60 | 62 | 64 | 70 | 82 | 80 | 81 | 80 | 64 | 57 | 75 | 65 | 73 | 71 | 69 | 71.0 |
| | MIN | 49 | 52 | 45 | 47 | 41 | 44 | 35 | 34 | 48 | 55 | 60 | 56 | 58 | 59 | 48 | 44 | 46 | 49 | 50 | 54 | 52 | 49 | 56 | 58 | 55 | 52 | 47 | 40 | 42 | 48 | 50 | 49.1 |
| CANOE BROOK | MAX | 60 | 82 | 82 | 62 | 60 | 74 | 54 | 61 | 75 | 88 | 91 | 86 | 86 | 86 | 63 | 64 | 61 | 61 | 66 | 69 | 82 | 78 | 82 | 79 | 63 | 58 | 76 | 64 | 71 | 71 | 67 | 71.7 |
| | MIN | 43 | 48 | 48 | 48 | 34 | 42 | 32 | 35 | 44 | 57 | 59 | 56 | 58 | 60 | 49 | 46 | 47 | 49 | 48 | 51 | 46 | 48 | 51 | 57 | 55 | 53 | 50 | 40 | 45 | 43 | 41 | 47.8 |
| CHARLOTTEBURG | MAX | 64 | 78 | 77 | 61 | 60 | 72 | 47 | 56 | 71 | 84 | 86 | 81 | 83 | 83 | 58 | 62 | 57 | 61 | 64 | 66 | 81 | 75 | 82 | 76 | 61 | 54 | 71 | 63 | 72 | 70 | 68 | 69.2 |
| | MIN | 46 | 50 | 48 | 44 | 43 | 40 | 32 | 33 | 48 | 52 | 58 | 54 | 58 | 57 | 47 | 43 | 48 | 48 | 48 | 52 | 49 | 50 | 54 | 56 | 53 | 51 | 47 | 40 | 41 | 41 | 43 | 47.5 |
| CRANFORD | MAX | 83 | 81 | 77 | 62 | 77 | 77 | 60 | 71 | 89 | 92 | 90 | 88 | 87 | 87 | 65 | 59 | 63 | 67 | 70 | 83 | 82 | 83 | 83 | 61 | 60 | 76 | 73 | 72 | 71 | 66 | 79 | 75.3 |
| | MIN | 50 | 57 | 51 | 51 | 41 | 43 | 34 | 37 | 51 | 62 | 62 | 58 | 59 | 57 | 50 | 45 | 55 | 50 | 50 | 56 | 52 | 53 | 61 | 56 | 56 | 54 | 50 | 42 | 48 | 41 | 47 | 50.9 |
| ESSEX FELLS SERV BLDG | MAX | 62 | 79 | 80 | 60 | 65 | 75 | 52 | 59 | 70 | 88 | 91 | 87 | 84 | 85 | 60 | 65 | 60 | 61 | 65 | 67 | 82 | 78 | 83 | 80 | 63 | 61 | 76 | 66 | 70 | 72 | 68 | 71.4 |
| | MIN | 47 | 57 | 50 | 48 | 42 | 40 | 28 | 37 | 40 | 58 | 60 | 55 | 58 | 58 | 48 | 45 | 45 | 47 | 49 | 53 | 47 | 52 | 61 | 52 | 54 | 52 | 48 | 39 | 43 | 40 | 48 | 48.4 |
| FLEMINGTON 1 NE | MAX | 67 | 81 | 78 | 63 | 60 | 75 | 52 | 61 | 76 | 87 | 90 | 85 | 87 | 86 | 67 | 64 | 61 | 61 | 65 | 75 | 83 | 77 | 80 | 82 | 62 | 59 | 76 | 66 | 71 | 72 | 73 | 72.3 |
| | MIN | 47 | 54 | 48 | 48 | 43 | 43 | 29 | 32 | 43 | 48 | 53 | 55 | 56 | 63 | 52 | 42 | 48 | 48 | 48 | 54 | 48 | 50 | 56 | 57 | 55 | 54 | 47 | 38 | 40 | 38 | 45 | 47.8 |
| HIGH POINT PARK | MAX | 75 | 73 | 77 | 59 | 55 | 72 | 54 | 53 | 70 | 85 | 84 | 81 | 77 | 82 | 62 | 69 | 64 | 57 | 60 | 68 | 79 | 78 | 83 | 78 | 59 | 57 | 70 | 58 | 68 | 70 | 67 | 69.2 |
| | MIN | 56 | 58 | 42 | 42 | 45 | 36 | 33 | 33 | 45 | 64 | 62 | 58 | 62 | 45 | 45 | 45 | 43 | 44 | 44 | 48 | 44 | 50 | 50 | 54 | 50 | 50 | 48 | 41 | 43 | 46 | 51 | 47.6 |
| JERSEY CITY | MAX | 67 | 71 | 65 | 61 | 70 | 56 | 60 | 70 | 88 | 89 | 85 | 80 | 75 | 71 | 63 | 59 | 63 | 65 | 63 | 82 | 71 | 82 | 76 | 62 | 61 | 70 | 70 | 71 | 70 | 61 | 77 | 70.1 |
| | MIN | 50 | 59 | 51 | 52 | 50 | 41 | 38 | 50 | 57 | 69 | 70 | 68 | 64 | 57 | 54 | 51 | 54 | 53 | 54 | 58 | 56 | 56 | 60 | 58 | 54 | 56 | 55 | 49 | 57 | 56 | 56 | 55.3 |
| LAMBERTVILLE | MAX | 82 | 81 | 77 | 62 | 77 | 75 | 62 | 77 | 88 | 91 | 87 | 88 | 87 | 85 | 66 | 64 | 62 | 66 | 78 | 84 | 83 | 83 | 85 | 66 | 61 | 78 | 68 | 70 | 75 | 75 | 79 | 76.2 |
| | MIN | 53 | 59 | 49 | 50 | 44 | 45 | 35 | 38 | 51 | 58 | 61 | 58 | 62 | 56 | 53 | 44 | 55 | 49 | 49 | 55 | 48 | 55 | 48 | 57 | 55 | 55 | 52 | 41 | 45 | 41 | 61 | 51.0 |
| LAYTON 2 | MAX | 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | 49 | | 46 | 42 | 41 | 40 | 26 | 26 | 41 | 52 | 56 | 50 | 58 | 58 | 52 | 43 | 51 | 47 | 44 | 43 | 41 | 45 | 54 | 57 | 53 | 53 | 45 | 40 | 40 | 40 | 44 | 45.9 |
| LITTLE FALLS | MAX | 61 | 78 | 81 | 61 | 60 | 76 | 52 | 60 | 73 | 88 | 92 | 87 | 86 | 87 | 63 | 67 | 62 | 63 | 66 | 67 | 84 | 77 | 84 | 80 | 65 | 59 | 77 | 67 | 72 | 70 | 72 | 72.2 |
| | MIN | 49 | 55 | 51 | 48 | 44 | 43 | 35 | 40 | 50 | 61 | 63 | 59 | 60 | 61 | 49 | 47 | 52 | 50 | 51 | 54 | 50 | 44 | 58 | 58 | 55 | 53 | 49 | 43 | 46 | 43 | 50 | 50.7 |
| LONG VALLEY | MAX | 63 | 78 | 76 | 61 | 59 | 74 | 50 | 59 | 77 | 85 | 86 | 82 | 83 | 83 | 61 | 62 | 59 | 56 | 64 | 73 | 82 | 75 | 81 | 79 | 60 | 59 | 70 | 65 | 71 | 70 | 70 | 70.1 |
| | MIN | 49 | 45 | 45 | 46 | 43 | 39 | 29 | 36 | 46 | 51 | 59 | 52 | 55 | 55 | 49 | 43 | 51 | 48 | 44 | 51 | 44 | 47 | 60 | 55 | 52 | 48 | 42 | 37 | 43 | 37 | 43 | 46.6 |
| MORRIS PLAINS 1 W | MAX | 62 | 82 | 79 | 62 | 59 | 76 | 50 | 59 | 72 | 88 | 90 | 85 | 82 | 85 | 63 | 63 | 59 | 61 | 66 | 69 | 84 | 78 | 83 | 79 | 63 | 57 | 75 | 66 | 72 | 71 | 70 | 71.3 |
| | MIN | 48 | 53 | 49 | 48 | 42 | 41 | 33 | 42 | 46 | 53 | 60 | 55 | 66 | 60 | 48 | 43 | 48 | 48 | 49 | 52 | 52 | 49 | 55 | 57 | 54 | 52 | 48 | 39 | 43 | 38 | 45 | 48.9 |
| NEWARK WB AIRPORT | MAX | 75 | 80 | 65 | 62 | 78 | 56 | 63 | 74 | 91 | 92 | 88 | 84 | 86 | 74 | 67 | 60 | 65 | 68 | 70 | 86 | 76 | 86 | 80 | 65 | 59 | 76 | 69 | 73 | 70 | 65 | 81 | 73.7 |
| | MIN | 51 | 61 | 53 | 53 | 48 | 42 | 38 | 47 | 57 | 67 | 70 | 68 | 64 | 57 | 54 | 53 | 54 | 53 | 54 | 59 | 59 | 59 | 59 | 59 | 56 | 56 | 54 | 50 | 57 | 54 | 55 | 55.5 |
| NEWTON | MAX | 71 | 82 | 80 | 63 | 60 | 75 | 48 | 59 | 73 | 87 | 89 | 85 | 80 | 85 | 57 | 63 | 60 | 60 | 66 | 75 | 82 | 79 | 83 | 77 | 64 | 58 | 75 | 64 | 72 | 74 | 73 | 71.6 |
| | MIN | 50 | 53 | 44 | 44 | 45 | 40 | 29 | 29 | 46 | 54 | 55 | 54 | 57 | 55 | 49 | 44 | 49 | 48 | 47 | 50 | 45 | 52 | 55 | 55 | 53 | 53 | 49 | 40 | 43 | 38 | 45 | 47.4 |
| PATERSON | MAX | 59 | 76 | 82 | 61 | 62 | 78 | 55 | 60 | 72 | 90 | 94 | 89 | 80 | 86 | 62 | 62 | 60 | 63 | 68 | 67 | 84 | 79 | 85 | 79 | 65 | 60 | 73 | 69 | 72 | 72 | 72 | 72.1 |
| | MIN | 50 | 53 | 50 | 50 | 46 | 45 | 37 | 43 | 50 | 65 | 69 | 63 | 61 | 62 | 55 | 50 | 56 | 52 | 52 | 55 | 52 | 55 | 59 | 58 | 54 | 53 | 49 | 47 | 51 | 47 | 53 | 53.0 |
| PHILLIPSBURG | MAX | 71 | 82 | 80 | 66 | 63 | 78 | 54 | 64 | 79 | 87 | 90 | 86 | 87 | 86 | 64 | 64 | 63 | 62 | 66 | 77 | 82 | 79 | 85 | 84 | 64 | 62 | 76 | 68 | 73 | 74 | 73 | 73.8 |
| | MIN | 48 | 53 | 48 | 47 | 46 | 42 | 33 | 34 | 47 | 50 | 56 | 55 | 56 | 62 | 53 | 49 | 50 | 48 | 49 | 52 | 47 | 54 | 56 | 59 | 54 | 54 | 48 | 43 | 46 | 42 | 48 | 49.3 |
| PLAINFIELD | MAX | 84 | 83 | 72 | 61 | 77 | 75 | 63 | 75 | 90 | 92 | 88 | 87 | 87 | 85 | 65 | 58 | 63 | 66 | 71 | 84 | 79 | 84 | 82 | 62 | 56 | 75 | 68 | 74 | 71 | 70 | 79 | 75.0 |
| | MIN | 51 | 55 | 52 | 51 | 42 | 42 | 32 | 38 | 55 | 59 | 62 | 59 | 59 | 64 | 50 | 45 | 54 | 50 | 51 | 56 | 51 | 56 | 61 | 56 | 55 | 54 | 50 | 41 | 48 | 43 | 49 | 51.3 |
| SOMERVILLE 3 NW | MAX | 65 | 82 | 79 | 62 | 61 | 76 | 53 | 60 | 74 | 87 | 90 | 85 | 87 | 85 | 65 | 64 | 59 | 61 | 66 | 75 | 83 | 77 | 82 | 82 | 61 | 57 | 77 | 67 | 72 | 72 | 72 | 72.2 |
| | MIN | 48 | 53 | 50 | 49 | 44 | 43 | 31 | 35 | 43 | 54 | 60 | 56 | 59 | 59 | 51 | 45 | 48 | 50 | 49 | 49 | 52 | 52 | 55 | 57 | 54 | 55 | 49 | 39 | 42 | 40 | 46 | 48.9 |
| SUSSEX 1 SE | MAX | 72 | 80 | 79 | 62 | 60 | 72 | 47 | 53 | 71 | 84 | 88 | 83 | 79 | 83 | 56 | 62 | 60 | 61 | 65 | 68 | 81 | 77 | 82 | 75 | 64 | | 73 | 63 | 70 | 73 | 71 | 70.6 |
| | MIN | 47 | 49 | 44 | 42 | 42 | 38 | 26 | 33 | 40 | 46 | 54 | 56 | 55 | 52 | 47 | 46 | 42 | 46 | 45 | 48 | 40 | 48 | 53 | 54 | 52 | 52 | 36 | 39 | 36 | 41 | | 45.0 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 70 | 70 | 57 | 53 | 72 | 58 | 60 | 73 | 87 | 89 | 86 | 85 | 87 | 78 | 62 | 63 | 68 | 67 | 75 | 79 | 66 | 80 | 84 | 64 | 73 | 72 | 73 | 67 | 67 | 67 | 76 | 71.9 |
| | MIN | 47 | 52 | 50 | 45 | 40 | 38 | 36 | 43 | 62 | 64 | 65 | 60 | 59 | 53 | 48 | 47 | 54 | 48 | 48 | 53 | 55 | 54 | 59 | 56 | 56 | 63 | 48 | 44 | 45 | 41 | 48 | 51.0 |
| AUDUBON | MAX | 82 | 81 | 65 | 58 | 78 | 64 | 62 | 78 | 88 | 93 | 88 | 90 | 87 | 79 | 71 | 70 | 66 | 70 | 80 | 85 | 80 | 84 | 87 | 66 | 72 | 77 | 70 | 72 | 77 | 75 | 81 | 76.6 |
| | MIN | 53 | 57 | 52 | 52 | 45 | 45 | 39 | 43 | 53 | 61 | 65 | 63 | 63 | 54 | 50 | 48 | 55 | 52 | 51 | 57 | 55 | 55 | 64 | 59 | 56 | 60 | 55 | 47 | 49 | 45 | 50 | 53.3 |
| BELLEPLAIN ST FOREST | MAX | 80 | 77 | 74 | 55 | 74 | 74 | 61 | 76 | 92 | 90 | 87 | 88 | 90 | 87 | 63 | 70 | 67 | 69 | 79 | 85 | 81 | 80 | 87 | 77 | 77 | 76 | 74 | 70 | 69 | 70 | 81 | 76.8 |
| | MIN | 48 | 51 | 52 | 49 | 37 | 46 | 28 | 37 | 54 | 60 | 65 | 58 | 59 | 58 | 51 | 46 | 56 | 41 | 42 | 53 | 53 | 53 | 60 | 59 | 57 | 56 | 54 | 39 | 41 | 38 | 45 | 49.9 |
| BURLINGTON | MAX | 84 | 82 | | | 76 | 74 | 62 | | 90 | 93 | 94 | 93 | 93 | 90 | | 65 | 65 | 67 | 86 | 84 | 84 | 85 | 85 | 79 | 76 | 75 | 69 | 68 | 73 | 71 | 89 | 79.7 |
| | MIN | 51 | 56 | 58 | 50 | 45 | 50 | 37 | | | | | | 65 | 56 | 52 | 50 | 57 | 56 | 52 | 56 | 56 | 52 | 67 | 50 | 55 | 52 | | 45 | 48 | 50 | | 52.8 |
| CHATSWORTH | MAX | 82 | 79 | 73 | 56 | 77 | 75 | 61 | 78 | 90 | 93 | 93 | 90 | 90 | 89 | 67 | 63 | 67 | 67 | 74 | 82 | 79 | 83 | 85 | 73 | 73 | 72 | 74 | 72 | 72 | 72 | 80 | 76.8 |
| | MIN | 45 | 52 | 51 | 49 | 38 | 43 | 33 | 37 | 56 | 57 | 65 | 57 | 58 | 56 | 57 | 44 | 55 | 47 | 48 | 47 | 52 | 54 | 62 | 56 | 55 | 57 | 52 | 39 | 42 | 37 | 53 | 50.1 |
| FREEHOLD | MAX | 64 | 83 | 82 | 56 | 57 | 76 | 56 | 60 | 76 | 89 | 93 | 87 | 87 | 87 | 60 | 65 | 60 | 65 | 65 | 69 | 81 | 73 | 81 | 81 | 60 | 65 | 75 | 67 | 69 | 67 | 68 | 71.7 |
| | MIN | 45 | 52 | 53 | 49 | 39 | 44 | 31 | 38 | 50 | 60 | 62 | 58 | 57 | 56 | 50 | 43 | 53 | 49 | 49 | 52 | 51 | 52 | 56 | 54 | 53 | 52 | 53 | 42 | 45 | 39 | 49 | 49.5 |
| GLASSBORO | MAX | 72 | 81 | 79 | 58 | 57 | 75 | 56 | 60 | 77 | 89 | 93 | 87 | 89 | 88 | 78 | 65 | 72 | 67 | 66 | 77 | 74 | 73 | 79 | 85 | 69 | 74 | 73 | 69 | 67 | 71 | 70 | 73.9 |
| | MIN | 48 | 49 | 51 | 51 | 48 | 46 | 39 | 40 | 48 | 61 | 66 | 65 | 61 | 66 | 52 | 46 | 50 | 48 | 47 | 56 | 54 | 55 | 55 | 59 | 48 | 50 | 54 | 45 | 47 | 43 | 45 | 51.4 |
| HAMMONTON 2 NNE | MAX | 65 | 81 | 76 | 58 | 55 | 74 | 59 | 62 | 78 | 91 | 95 | 90 | 91 | 90 | 75 | 66 | 68 | 67 | 68 | 77 | 81 | 74 | 82 | 88 | 63 | 77 | 75 | 73 | 70 | 72 | 77 | 74.8 |
| | MIN | 46 | 55 | 50 | 50 | 42 | 46 | 35 | 44 | 49 | 62 | 64 | 61 | 61 | 65 | 51 | 45 | 50 | 48 | 50 | 54 | 52 | 52 | 54 | 56 | 50 | 51 | 55 | 46 | 46 | 41 | 47 | 50.9 |
| HIGHTSTOWN 1 N | MAX | 82 | 80 | 65 | 59 | 76 | 70 | 60 | 75 | 88 | 92 | 86 | 89 | 87 | 81 | 65 | 60 | 65 | 65 | 73 | 83 | 75 | 81 | 81 | 63 | 60 | 75 | 70 | 71 | 71 | 72 | 80 | 74.2 |
| | MIN | 50 | 54 | 51 | 50 | 41 | 44 | 32 | 39 | 55 | 61 | 62 | 59 | 60 | 54 | 50 | 44 | 55 | 49 | 51 | 55 | 51 | 54 | 62 | 56 | 55 | 54 | 51 | 41 | 45 | 39 | 48 | 50.7 |
| INDIAN MILLS 2 W | MAX | 83 | 80 | 65 | 55 | 75 | 66 | 60 | 79 | 89 | 94 | 88 | 90 | 89 | 79 | 67 | 66 | 65 | 67 | 77 | 82 | 75 | 82 | 88 | 66 | 75 | 73 | 69 | 70 | 74 | 71 | 80 | 75.5 |
| | MIN | 48 | 54 | 50 | 49 | 38 | 45 | 32 | 36 | 59 | 57 | 63 | 57 | 58 | 53 | 51 | 43 | 54 | 48 | 45 | 54 | 50 | 54 | 63 | 57 | 55 | 58 | 51 | 39 | 41 | 36 | 46 | 49.8 |
| MILLVILLE FAA AIRPORT | MAX | 79 | 74 | 61 | 56 | 74 | 56 | 60 | 75 | 87 | 89 | 85 | 88 | 86 | 80 | 67 | 70 | 66 | 68 | 78 | 83 | 75 | 79 | 89 | 66 | 76 | 72 | 69 | 69 | 71 | 74 | 77 | 74.2 |
| | MIN | 52 | 56 | 52 | 46 | 40 | 39 | 35 | 38 | 61 | 60 | 66 | 61 | 63 | 52 | 50 | 49 | 53 | 48 | 49 | 57 | 56 | 56 | 61 | 57 | 56 | 60 | 49 | 44 | 47 | 47 | 50 | 51.9 |
| MOORESTOWN | MAX | 82 | 80 | 59 | 70 | 76 | 55 | 66 | 87 | 89 | 91 | 86 | 89 | 88 | 67 | 70 | 67 | 65 | 75 | 79 | 83 | 75 | 85 | 86 | 63 | 74 | 75 | 69 | 72 | 73 | 76 | 81 | 75.9 |
| | MIN | 59 | 52 | 51 | 43 | 45 | 35 | 40 | 60 | 62 | 65 | 61 | 63 | 66 | 53 | 47 | 60 | 54 | 50 | 56 | 54 | 56 | 65 | 59 | 57 | 56 | 50 | 42 | 46 | 43 | 50 | 62 | 53.6 |
| NEW BRUNSWICK | MAX | 60 | 81 | 79 | 62 | 60 | 75 | 54 | 60 | 76 | 87 | 91 | 85 | 86 | 84 | 59 | 63 | 63 | 63 | 66 | 68 | 82 | 76 | 82 | 80 | 61 | 60 | 75 | 66 | 71 | 69 | 69 | 71.4 |
| | MIN | 45 | 52 | 52 | 50 | 41 | 44 | 34 | 40 | 48 | 63 | 63 | 62 | 58 | 58 | 52 | 47 | 53 | 50 | 50 | 54 | 54 | 54 | 56 | 55 | 54 | 53 | 52 | 44 | 49 | 44 | 51 | 51.0 |
| PEMBERTON 3 E | MAX | 83 | 80 | 74 | 56 | 77 | 73 | 61 | 75 | 88 | 91 | 88 | 90 | 89 | 83 | 64 | 62 | 64 | 68 | 77 | 84 | 80 | 82 | 85 | 73 | 67 | 75 | 73 | 71 | 71 | 72 | 81 | 76.0 |
| | MIN | 48 | 52 | 53 | 49 | 39 | 44 | 32 | 36 | 55 | 57 | 61 | 57 | 58 | 63 | 50 | 44 | 55 | 47 | 48 | 54 | 50 | 53 | 62 | 55 | 55 | 55 | 52 | 39 | 43 | 39 | 48 | 50.1 |

See Reference Notes Following Station Index

Continued

## DAILY TEMPERATURES

NEW JERSEY
MAY 1970

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEABROOK FARMS | MAX | 70 | 79 | 76 | 57 | 56 | 74 | 56 | 60 | 76 | 87 | 89 | 85 | 87 | 86 | 81 | 67 | 70 | 65 | 68 | 79 | 83 | 78 | 80 | 89 | 66 | 74 | 75 | 70 | 69 | 73 | 72 | 74.1 |
| | MIN | 50 | 55 | 51 | 51 | 41 | 46 | 33 | 39 | 50 | 59 | 63 | 60 | 61 | 64 | 52 | 46 | 53 | 48 | 48 | 55 | 55 | 55 | 58 | 60 | 56 | 57 | 55 | 43 | 46 | 44 | 52 | 51.8 |
| SHILOH | MAX | 76 | 75 | 67 | 57 | 72 | 69 | 59 | 75 | 87 | 88 | 85 | 87 | 86 | 85 | 68 | 71 | 66 | 67 | 79 | 82 | 82 | 79 | 88 | 80 | 74 | 73 | 74 | 70 | 71 | 72 | 77 | 75.5 |
| | MIN | 54 | 54 | 51 | 50 | 43 | 41 | 34 | 43 | 57 | 58 | 59 | 60 | 61 | 63 | 51 | 46 | 56 | 46 | 52 | 55 | 54 | 54 | 60 | 60 | 56 | 59 | 57 | 60 | 48 | 44 | 51 | 52.8 |
| TOMS RIVER | MAX | 60 | 78 | 78 | 59 | 54 | 77 | 57 | 61 | 74 | 79 | 92 | 88 | 86 | 85 | 62 | 61 | 62 | 67 | 66 | 72 | 78 | 67 | 85 | 83 | 61 | 68 | 73 | 70 | 65 | 68 | 66 | 71.0 |
| | MIN | 45 | 44 | 57 | 50 | 39 | 43 | 33 | 37 | 49 | 59 | 65 | 58 | 58 | 61 | 52 | 47 | 53 | 48 | 50 | 53 | 51 | 54 | 55 | 56 | 55 | 55 | 55 | 42 | 45 | 40 | 46 | 50.2 |
| TRENTON WB CITY | MAX | 82 | 79 | 62 | 58 | 76 | 56 | 60 | 75 | 86 | 90 | 85 | 87 | 86 | 72 | 64 | 61 | 63 | 66 | 75 | 84 | 73 | 82 | 83 | 61 | 59 | 74 | 67 | 69 | 70 | 72 | 78 | 72.7 |
| | MIN | 53 | 60 | 50 | 52 | 49 | 42 | 38 | 49 | 60 | 65 | 68 | 66 | 67 | 55 | 51 | 48 | 54 | 50 | 55 | 57 | 56 | 55 | 58 | 56 | 55 | 56 | 55 | 49 | 53 | 48 | 55 | 54.4 |
| TUCKERTON | MAX | 80 | 70 | 69 | 54 | 71 | 68 | 60 | 70 | 89 | 90 | 87 | 84 | 90 | 85 | 59 | 60 | 67 | 67 | 70 | 76 | 69 | 76 | 81 | 63 | 70 | 68 | 73 | 65 | 70 | 66 | 76 | 72.4 |
| | MIN | 48 | 54 | 52 | 49 | 38 | 46 | 33 | 37 | 58 | 60 | 59 | 60 | 56 | 53 | 51 | 45 | 55 | 47 | 52 | 53 | 54 | 54 | 61 | 56 | 56 | 56 | 56 | 42 | 44 | 50 | 46 | 51.0 |
| WOODSTOWN | MAX | 82 | 79 | 74 | 60 | 75 | 69 | 61 | 76 | 89 | 91 | 87 | 89 | 88 | 85 | 68 | 69 | 69 | 69 | | 85 | 81 | 83 | 90 | 73 | 74 | 76 | 72 | 71 | 75 | 73 | 81 | 77.1 |
| | MIN | 52 | 54 | 55 | 50 | 42 | 42 | 33 | 39 | 54 | 57 | 63 | 59 | 57 | 58 | 51 | 46 | 53 | 47 | | 55 | 53 | 54 | 62 | 58 | 56 | 60 | 53 | 44 | 46 | 44 | 48 | 51.5 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 62 | 65 | 60 | 56 | 64 | 58 | 61 | 65 | 87 | 80 | 79 | 79 | 82 | 75 | 58 | 62 | 63 | 68 | 72 | 68 | 64 | 66 | 80 | 63 | 69 | 66 | 73 | 65 | 64 | 61 | 70 | 67.9 |
| | MIN | 53 | 57 | 53 | 51 | 48 | 44 | 38 | 51 | 61 | 62 | 61 | 61 | 61 | 54 | 53 | 53 | 56 | 51 | 53 | 57 | 55 | 54 | 60 | 57 | 58 | 62 | 54 | 51 | 53 | 56 | 60 | 54.8 |
| CAPE MAY 1 NW | MAX | 55 | 65 | 67 | 59 | 54 | 66 | 56 | 59 | 68 | 86 | 83 | 81 | 79 | 84 | 78 | 59 | 65 | 67 | 65 | 76 | 80 | 65 | 69 | 81 | 69 | 68 | 67 | 70 | 67 | 65 | 64 | 68.9 |
| | MIN | 48 | 52 | 52 | 50 | 40 | 48 | 37 | 46 | 49 | 59 | 62 | 59 | 58 | 62 | 51 | 50 | 52 | 53 | 53 | 55 | 58 | 52 | 53 | 59 | 56 | 58 | 60 | 50 | 47 | 52 | 53 | 52.7 |
| LONG BRANCH 2 S | MAX | 68 | 70 | 60 | 55 | 68 | 60 | 60 | 68 | 88 | 85 | 84 | 82 | 74 | 69 | 59 | 55 | 65 | 65 | 65 | 71 | 71 | 81 | 80 | 60 | 57 | 70 | 69 | 65 | 63 | 63 | 77 | 68.6 |
| | MIN | 47 | 55 | 54 | 50 | 42 | 46 | 35 | 42 | 58 | 66 | 65 | 59 | 57 | 53 | 52 | 49 | 54 | 50 | 50 | 54 | 57 | 54 | 58 | 55 | 54 | 54 | 53 | 45 | 47 | 46 | 52 | 52.0 |
| SANDY HOOK | MAX | 66 | 69 | 66 | 55 | 64 | 63 | 57 | 63 | 82 | 82 | 79 | 81 | 75 | 76 | 58 | 54 | 62 | 62 | 62 | 64 | 65 | 72 | 73 | 59 | 57 | 71 | 67 | 66 | 62 | 60 | 72 | 66.6 |
| | MIN | 47 | 57 | 51 | 50 | 48 | 46 | 39 | 57 | 56 | 62 | 63 | 62 | 55 | 55 | 51 | 49 | 52 | 52 | 52 | 54 | | 54 | 58 | 54 | 52 | 52 | 58 | 51 | 54 | 49 | 54 | 53.1 |

## SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent | | | | Number of days with precipitation | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Standard of Time EASTERN | | | | | | | | | | | | |
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | Percent of Possible sunshine | Average sky cover sunrise to sunset |
| ATLANTIC CITY WB AIRPORT | 24 | 1.6 | 10.4 | 29++ | 32 | 06 | 86 | 81 | 59 | 73 | 3 | 5 | 5 | 1 | 0 | 0 | 14 | 54 | 5.9 |
| ATLANTIC CITY ST. MARINA | - | - | - | 32 | NNW | 06 | - | - | - | - | 0 | 3 | 5 | 2 | 0 | 0 | 10 | - | - |
| NEWARK WB AIRPORT | 24 | 1.5 | 9.9 | 29++ | 32 | 06 | 69 | 67 | 51 | 56 | 3 | 10 | 2 | 2 | 0 | 0 | 17 | - | 6.4 |
| TRENTON WB CITY | - | - | - | 32 | NW | 06 | - | - | - | - | 4 | 5 | 4 | 1 | 1 | 0 | 15 | 55 | 6.1 |

See Reference Notes Following Station Index

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 71 | 72 | 63 | 60 | 70 | 59 | 60 | 65 | 76 | 80 | 82 | 82 | 81 | 68 | 72 | 63 | 64 | 65 | 66 | 78 | 81 | 79 | 77 | 66 | 65 | 70 | 73 | 76 | 78 | 78 | 77 | 71.5 |
| | | MIN | 59 | 61 | 60 | 58 | 54 | 51 | 49 | 50 | 57 | 62 | 64 | 64 | 65 | 62 | 58 | 58 | 57 | 56 | 57 | 60 | 60 | 62 | 66 | 65 | 62 | 61 | 62 | 59 | 64 | 58 | 63 | 59.5 |
| | 2 | MAX | 67 | 68 | 63 | 60 | 65 | 60 | 59 | 62 | 70 | 74 | 75 | 77 | 76 | 68 | 69 | 62 | 63 | 63 | 64 | 73 | 76 | 75 | 75 | 66 | 65 | 68 | 71 | 65 | 75 | 76 | 74 | 68.5 |
| | | MIN | 59 | 61 | 60 | 58 | 55 | 52 | 50 | 51 | 57 | 62 | 64 | 64 | 65 | 63 | 59 | 59 | 58 | 56 | 58 | 60 | 60 | 62 | 66 | 65 | 62 | 62 | 64 | 60 | 65 | 60 | 65 | 60.1 |
| | 4 | MAX | 61 | 65 | 67 | 61 | 60 | 63 | 58 | 54 | 60 | 68 | 70 | 73 | 74 | 74 | 66 | 67 | 63 | 63 | 62 | 64 | 70 | 73 | 74 | 73 | 66 | 64 | 67 | 69 | 70 | 72 | 73 | 66.6 |
| | | MIN | 58 | 58 | 60 | 60 | 55 | 55 | 53 | 51 | 51 | 56 | 62 | 64 | 63 | 66 | 62 | 58 | 58 | 57 | 58 | 59 | 61 | 62 | 65 | 66 | 64 | 62 | 62 | 60 | 61 | 62 | 60 | 59.6 |
| | 8 | MAX | 59 | 60 | 62 | 60 | 58 | 60 | 58 | 55 | 57 | 61 | 65 | 67 | 67 | 68 | 65 | 63 | 60 | 60 | 60 | 60 | 64 | 67 | 67 | 68 | 66 | 65 | 64 | 66 | 66 | 66 | 66 | 62.9 |
| | | MIN | 58 | 57 | 59 | 58 | 56 | 56 | 55 | 53 | 53 | 56 | 60 | 63 | 65 | 64 | 62 | 59 | 59 | 57 | 58 | 58 | 60 | 62 | 64 | 66 | 65 | 62 | 62 | 62 | 66 | 62 | 62 | 59.8 |
| | 20 | MAX | 55 | 56 | 57 | 56 | 56 | 56 | 56 | 55 | 55 | 56 | 58 | 60 | 60 | 60 | 60 | 59 | 59 | 59 | 58 | 58 | 59 | 61 | 63 | 62 | 62 | 62 | 62 | 62 | 61 | 62 | 62 | 58.9 |
| | | MIN | 55 | 55 | 56 | 56 | 55 | 56 | 55 | 54 | 54 | 55 | 56 | 58 | 59 | 60 | 59 | 58 | 58 | 58 | 57 | 57 | 58 | 59 | 61 | 62 | 61 | 61 | 61 | 61 | 61 | 61 | 62 | 58.0 |
| | 40 | MAX | 52 | 52 | 52 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 54 | 55 | 55 | 55 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 57 | 57 | 58 | 58 | 58 | 58 | 59 | 59 | 59 | 59 | 55.5 |
| | | MIN | 51 | 51 | 52 | 52 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 54 | 54 | 55 | 55 | 55 | 55 | 56 | 55 | 54 | 55 | 55 | 57 | 57 | 58 | 58 | 58 | 58 | 58 | 58 | 59 | 54.9 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 78 | 80 | 64 | 62 | 76 | 59 | 66 | 68 | 85 | 89 | 90 | 89 | 89 | 69 | 66 | 66 | 64 | 65 | 68 | 82 | 84 | 81 | 76 | 65 | 62 | 74 | 75 | 81 | 82 | 81 | 79 | 74.7 |
| | | MIN | 57 | 60 | 59 | 57 | 50 | 43 | 40 | 47 | 56 | 61 | 64 | 64 | 64 | 60 | 58 | 55 | 58 | 54 | 59 | 59 | 60 | 61 | 64 | 62 | 60 | 60 | 58 | 53 | 57 | 54 | 60 | 57.2 |
| | 2 | MAX | 75 | 78 | 64 | 61 | 74 | 60 | 64 | 66 | 82 | 87 | 87 | 87 | 86 | 70 | 65 | 66 | 64 | 65 | 67 | 80 | 81 | 80 | 74 | 65 | 62 | 73 | 75 | 78 | 79 | 79 | 77 | 73.3 |
| | | MIN | 57 | 61 | 59 | 57 | 50 | 44 | 41 | 48 | 56 | 62 | 64 | 65 | 65 | 60 | 59 | 55 | 59 | 54 | 59 | 60 | 61 | 61 | 65 | 62 | 60 | 60 | 59 | 54 | 58 | 55 | 61 | 57.8 |
| | 4 | MAX | 68 | 70 | 63 | 58 | 67 | 61 | 58 | 62 | 71 | 74 | 76 | 79 | 79 | 70 | 69 | 62 | 63 | 62 | 64 | 73 | 72 | 74 | 70 | 65 | 62 | 69 | 70 | 68 | 72 | 74 | 73 | 68.3 |
| | | MIN | 58 | 61 | 58 | 57 | 53 | 50 | 48 | 52 | 57 | 62 | 65 | 66 | 67 | 62 | 60 | 58 | 59 | 56 | 59 | 60 | 61 | 63 | 65 | 62 | 61 | 60 | 63 | 58 | 61 | 60 | 65 | 59.6 |
| | 8 | MAX | 62 | 64 | 60 | 58 | 61 | 61 | 56 | 57 | 65 | 65 | 65 | 70 | 70 | 70 | 64 | 62 | 61 | 60 | 60 | 66 | 66 | 68 | 69 | 65 | 62 | 65 | 67 | 62 | 66 | 67 | 68 | 63.9 |
| | | MIN | 58 | 60 | 58 | 57 | 55 | 54 | 53 | 54 | 56 | 62 | 60 | 65 | 67 | 63 | 61 | 60 | 59 | 57 | 59 | 60 | 62 | 63 | 65 | 62 | 61 | 61 | 62 | 61 | 62 | 62 | 65 | 60.1 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE, LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION, BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# EVAPORATION AND WIND

| Station | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * *<br>NORTHERN | 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | | EVAP | .10 | .07 | .22 | .22 | .10 | .07 | .17 | .22 | .12 | .14 | .38 | .27 | .05 | .29 | .02 | .18 | .07 | .03 | .08 | .08 | .15 | .16 | .18 | .12 | .05 | .02 | .04 | .17 | .20 | .06 | .29 | 4.32 |
| | | WIND | 50 | 73 | 26 | 88 | 39 | 61 | 60 | 46 | 38 | 53 | 51 | 37 | 22 | 41 | 23 | 54 | 42 | 31 | 12 | 16 | 26 | 54 | 71 | 17 | 28 | 35 | 8 | 40 | 18 | 34 | 44 | 1238 |
| | | MAX | 74 | 81 | 80 | 82 | 62 | 80 | 68 | 72 | 66 | 86 | 90 | 89 | 87 | 87 | 69 | 70 | 72 | 62 | 68 | 71 | 85 | 86 | 86 | 82 | 70 | 59 | 73 | 81 | 82 | 82 | 82 | 76.9 |
| | | MIN | 54 | 54 | 56 | 53 | 47 | 48 | 39 | 39 | 44 | 62 | 66 | 64 | 64 | 66 | 54 | 50 | 52 | 52 | 53 | 55 | 58 | 59 | 59 | 61 | 58 | 56 | 57 | 54 | 51 | 54 | 53 | 54.6 |
| * * *<br>SOUTHERN | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | | EVAP | .09 | .22 | .29 | .04 | .02 | .23 | .23 | .24 | .18 | .30 | .24 | .27 | .20 | .21 | .06 | .16 | .08 | .05 | .17 | .10 | .27 | .24 | .19 | .24 | .05 | .02 | .06 | .26 | .23 | .28 | .24 | 5.46 |
| | | WIND | 65 | 96 | 115 | 36 | 43 | 127 | 18 | 107 | 84 | 106 | 69 | 73 | 33 | 60 | 50 | 71 | 58 | 45 | 49 | 33 | 54 | 61 | 87 | 37 | 56 | 48 | 44 | 57 | 45 | 55 | 74 | 1956 |
| | | MAX | 68 | 83 | 84 | 63 | 60 | 80 | 74 | 68 | 73 | 88 | 92 | 89 | 89 | 87 | 66 | 72 | 62 | 61 | 66 | 70 | 86 | 86 | 84 | 84 | 62 | 61 | 73 | 76 | 83 | 82 | 82 | 75.9 |
| | | MIN | 52 | 54 | 56 | 51 | 46 | 47 | 36 | 36 | 44 | 61 | 62 | 63 | 65 | 65 | 53 | 50 | 51 | 52 | 52 | 54 | 57 | 59 | 59 | 59 | 56 | 56 | 57 | 50 | 51 | 51 | 55 | 53.5 |
| PEMBERTON 3 E | | EVAP | - | .17 | .08 | .05 | .12 | .13 | .15 | .11 | .19 | .21 | .19 | .17 | .17 | .18 | .12 | .10 | .04 | .07 | .07 | .12 | .17 | .16 | .16 | .05 | .05 | .05 | .09 | .14 | .19 | .20 | .21 | 4.048 |
| | | WIND | 42 | 69 | 22 | 17 | 12 | 44 | 33 | 21 | 17 | 11 | 16 | 8 | 15 | 25 | 51 | 29 | 10 | 8 | 4 | 16 | 24 | 16 | 10 | 23 | 20 | 16 | 11 | 9 | 22 | 43 | 20 | 684 |
| SEABROOK FARMS | | EVAP | .13 | .26 | .28 | .01 | .01 | .24 | .27 | .19 | .21 | .29 | .31 | .27 | .25 | .28 | .22 | .21 | * | .10 | .15 | .22 | .25 | .27 | .25 | .21 | .09 | .09 | .09 | .28 | .20 | .26 | .29 | 6.18 |
| | | MAX | 75 | 84 | 89 | 63 | 58 | 81 | 66 | 68 | 75 | 88 | 91 | 88 | 92 | 92 | 83 | 75 | - | 72 | 75 | 81 | 88 | 86 | 80 | 89 | 66 | 76 | 79 | 82 | 80 | 82 | 88 | 79.7 |
| | | MIN | 53 | 55 | 63 | 51 | 46 | 47 | 38 | 38 | 45 | 59 | 63 | 64 | 65 | 66 | 53 | 50 | - | 49 | 48 | 53 | 57 | 56 | 58 | 60 | 56 | 57 | 60 | 51 | 52 | 50 | 50 | 53.8 |

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 06 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY R | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 54 | 200 | | 8A | | | ANDREW F DROPPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A | | | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A | | | ROBERT WELSH |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 9A | 9A | | H | CLOSED 3/16/70 |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 6A | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT R | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A | | H | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |
| CLOSED STATIONS | | | | | | | | | | | | |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 9A | 9A | | H | CLOSED 3/16/70 |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- - No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

  No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- ▲ Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground, however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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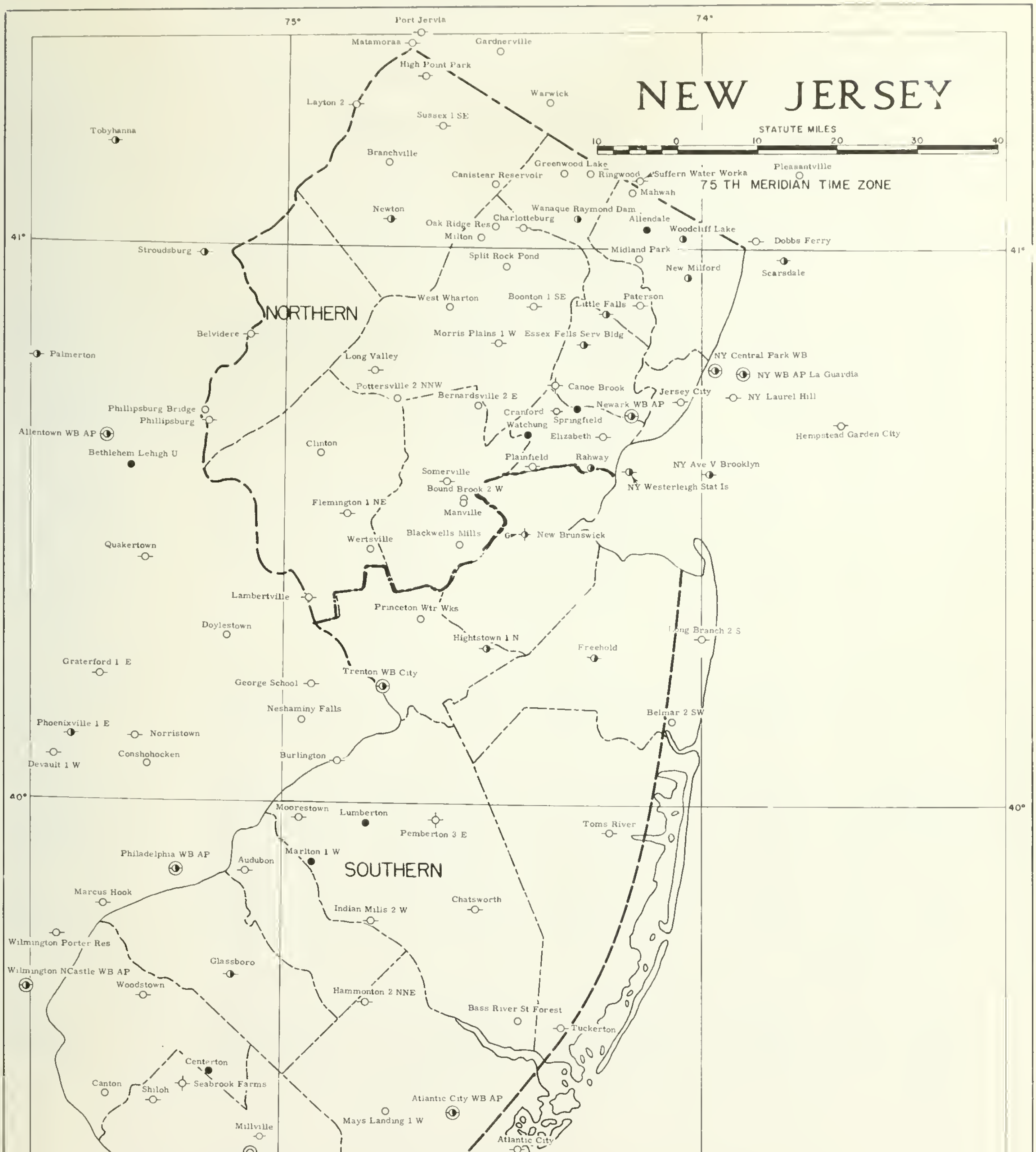
NEW JERSEY

STATION LEGEND

○ ● ◑ Precipitation only

◑ Precipitation, storage

-○- -●- -◑- Precipitation and Temperature

+○+ +●+ +◑+ Precipitation, Temperature and Evaporation

Type of gage ○ Non-recording;

● Recording ◑ Both types G Soil Temperature

Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT $29\frac{1}{2}^\circ$ AND $45\frac{1}{2}^\circ$

USCOMM-ESSA-Asheville, N.C.
Revised 3 - 69

5

UNITED SIATES
EPARTMENT OF
COMMERCE
UBLICATION

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY

JUNE 1970

Volume 75 No. 6

## CLIMATOLOGICAL DATA

| Station | Temperature: Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | No. of Days Max. 90° or Above | Max. 32° or Below | Min. 32° or Below | Min. 0° or Below | Precipitation: Total | Departure From Normal | Greatest Day | Date | Snow, Sleet Total | Max. Depth on Ground | Date | No. of Days .10 or More | .50 or More | 1.00 or More |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 76.2 | 54.1 | 65.2 | - 5.4 | 89 | 12 | 44 | 29+ | 55 | 0 | 0 | 0 | 0 | 3.25 | - 1.19 | .87 | 19 | .0 | 0 | | 8 | 2 | 0 |
| BOONTON 1 SE | 76.9 | 56.6 | 66.8 | - 1.1 | 90 | 12 | 48 | 29+ | 35 | 1 | 0 | 0 | 0 | 2.39 | - 1.50 | .78 | 19 | .0 | 0 | | 8 | 1 | 0 |
| CANOE BROOK | 78.7 | 55.2 | 67.0 | - 1.0 | 90 | 12 | 40 | 14 | 44 | 1 | 0 | 0 | 0 | 2.41 | - 1.62 | .88 | 19 | .0 | 0 | | 5 | 2 | 0 |
| CHARLOTTEBURG | 75.0 | 53.1 | 64.1 | - 2.4 | 88 | 12 | 42 | 29 | 78 | 0 | 0 | 0 | 0 | 3.72 | - .52 | .65 | 4 | .0 | 0 | | 10 | 2 | 0 |
| CRANFORD | 81.2 | 58.5 | 69.9 | | 92 | 11 | 47 | 29 | 8 | 2 | 0 | 0 | 0 | 2.66 | | .70 | 19 | .0 | 0 | | 8 | 2 | 0 |
| ESSEX FELLS SERV BLDG | 77.9 | 56.4 | 67.2 | | 91 | 12 | 45 | 29 | 37 | 1 | 0 | 0 | 0 | 2.05 | | .94 | 19 | .0 | 0 | | 5 | 1 | 0 |
| FLEMINGTON 1 NE | 78.1 | 54.3 | 66.2 | - 4.4 | 91 | 12 | 45 | 29+ | 46 | 1 | 0 | 0 | 0 | 3.22 | - .58 | .95 | 4 | .0 | 0 | | 7 | 2 | 0 |
| HIGH POINT PARK | 73.8 | 55.2 | 64.5 | | 85 | 12 | 45 | 14 | 77 | 0 | 0 | 0 | 0 | 1.94 | | .89 | 19 | .0 | 0 | | 8 | 1 | 0 |
| JERSEY CITY | 77.4 | 62.5 | 70.0 | - .1 | 93 | 11 | 55 | 28 | 11 | 1 | 0 | 0 | 0 | 2.26 | - 1.19 | .80 | 18 | .0 | 0 | | 5 | 2 | 0 |
| LAMBERTVILLE | 81.6 | 58.2 | 69.9 | - .2 | 92 | 11 | 47 | 29 | 10 | 1 | 0 | 0 | 0 | 4.77 | .93 | 1.77 | 21 | .0 | 0 | | 7 | 4 | 1 |
| LAYTON 2 | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | 79.5 | 58.7 | 69.1 | - .6 | 93 | 12 | 49 | 29+ | 22 | 1 | 0 | 0 | 0 | 1.84 | - 2.41 | .37 | 13 | .0 | 0 | | 8 | 0 | 0 |
| LONG VALLEY | 75.6 | 52.1 | 63.9 | | 88 | 12 | 41 | 21 | 78 | 0 | 0 | 0 | 0 | 3.35 | - .78 | 1.32 | 19 | .0 | 0 | | 7 | 3 | 1 |
| MORRIS PLAINS 1 W | 77.7 | 55.4 | 66.6 | | 91 | 12 | 45 | 29 | 43 | 1 | 0 | 0 | 0 | 3.27 | | 1.52 | 19 | .0 | 0 | | 8 | 1 | 1 |
| NEWARK WB AIRPORT R | 79.6 | 62.1 | 70.9 | - .4 | 92 | 11 | 53 | 28 | 5 | 2 | 0 | 0 | 0 | 2.41 | - 1.03 | .86 | 18 | .0 | 0 | | 6 | 1 | 0 |
| NEWTON | 77.2 | 53.4 | 65.3 | - 2.1 | 89 | 12 | 41 | 29 | 71 | 0 | 0 | 0 | 0 | 2.91 | - 1.39 | .64 | 19 | .0 | 0 | | 8 | 1 | 0 |
| PATERSON | 80.7M | 59.7M | 70.2M | - .5 | 91 | 4 | | | 12 | | 0 | 0 | 0 | 1.25 | - 2.96 | .42 | 7 | .0 | 0 | | 4 | 0 | 0 |
| PHILLIPSBURG | | | | | | | | | | | | | | | | | | | | | | | |
| PLAINFIELD | 80.7 | 58.5 | 69.6 | - .3 | 92 | 11 | 48 | 29 | 10 | 2 | 0 | 0 | 0 | 3.10 | - 1.23 | .88 | 4 | .0 | 0 | | 7 | 3 | 0 |
| SOMERVILLE 3 NW | 78.5 | 55.0 | 66.8 | - 3.0 | 90 | 12 | 46 | 29+ | 34 | 1 | 0 | 0 | 0 | 1.89 | - 1.99 | .53 | 22 | .0 | 0 | | 6 | 1 | 0 |
| SUSSEX 1 SE | 76.6 | 49.9 | 63.3 | - 5.2 | 89 | 12 | 37 | 29 | 99 | 0 | 0 | 0 | 0 | 3.27 | - .82 | .97 | 19 | .0 | 0 | | 8 | 2 | 0 |
| DIVISION | | | 67.2 | - 2.0 | | | | | | | | | | 2.73 | - 1.28 | | | .0 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 78.2 | 59.5 | 68.9 | - 1.1 | 89 | 12 | 49 | 29+ | 13 | 0 | 0 | 0 | 0 | 6.36 | 3.53 | 1.55 | 17 | .0 | 0 | | 8 | 5 | 3 |
| AUDUBON | 82.1 | 60.6 | 71.4 | | 92 | 12+ | 52 | 29 | 2 | 4 | 0 | 0 | 0 | 4.30 | | 1.22 | 21 | .0 | 0 | | 10 | 2 | 2 |
| BELLEPLAIN ST FOREST | 82.3 | 58.2 | 70.3 | | 91 | 12 | 45 | 14 | 15 | 1 | 0 | 0 | 0 | 4.59 | 1.20 | .96 | 21+ | .0 | 0 | | 7 | 4 | 0 |
| BURLINGTON | 82.4M | 59.7M | 71.1M | - 1.7 | | | 51 | 29 | 1 | 3 | 0 | 0 | 0 | 1.72 | - 1.93 | .47 | 5 | .0 | 0 | | 6 | 0 | 0 |
| CHATSWORTH | 82.7 | 58.0 | 70.4 | | 95 | 11 | 46 | 29 | 9 | 3 | 0 | 0 | 0 | 4.16 | | 1.02 | 21 | .0 | 0 | | 9 | 3 | 1 |
| FREEHOLD | | | | | | | | | | | | | | | | | | | | | | | |
| GLASSBORO | 79.5 | 60.3 | 69.9 | | 90 | 13 | 51 | 28+ | 8 | 1 | 0 | 0 | 0 | 5.23 | | 1.91 | 21 | .0 | 0 | | 9 | 3 | 2 |
| HAMMONTON 2 NNE | 81.6 | 59.0 | 70.3 | - 1.3 | 93 | 13 | 48 | 14 | 5 | 3 | 0 | 0 | 0 | 3.15 | - .80 | 1.20 | 22 | .0 | 0 | | 7 | 2 | 1 |
| HIGHTSTOWN 1 N | 80.3 | 58.5 | 69.4 | - .5 | 91 | 11 | 48 | 28 | 12 | 1 | 0 | 0 | 0 | 4.03 | .20 | 1.35 | 21 | .0 | 0 | | 8 | 3 | 1 |
| INDIAN MILLS 2 W | 81.3 | 57.5 | 69.4 | - .8 | 91 | 12+ | 44 | 29 | 19 | 2 | 0 | 0 | 0 | 3.59 | - .31 | 1.26 | 21 | .0 | 0 | | 8 | 2 | 1 |
| MILLVILLE FAA AIRPORT | 80.1 | 60.0 | 70.1 | | 91 | 12 | 50 | 29+ | 9 | 1 | 0 | 0 | 0 | 5.45 | | 1.12 | 21 | .0 | 0 | | 11 | 5 | 1 |
| MOORESTOWN | 81.4 | 58.7 | 70.1 | - .1 | 91 | 12 | 41 | 1 | 15 | 1 | 0 | 0 | 0 | 3.74 | .18 | 1.39 | 21 | .0 | 0 | | 6 | 3 | 1 |
| NEW BRUNSWICK | 78.0 | 58.9 | 68.5 | - 1.6 | 89 | 12 | 50 | 7 | 22 | 0 | 0 | 0 | 0 | 4.28 | .65 | 1.60 | 5 | .0 | 0 | | 5 | 3 | 2 |
| PEMBERTON 3 E | 82.1 | 57.5 | 69.8 | - 1.2 | 92 | 12+ | 46 | 29 | 15 | 4 | 0 | 0 | 0 | 5.60 | 1.90 | 1.65 | 12 | .0 | 0 | | 10 | 4 | 2 |
| SEABROOK FARMS | 80.3 | 61.3 | 70.8 | | 91 | 13 | 51 | 28 | 3 | 1 | 0 | 0 | 0 | 4.88 | | 1.03 | 22 | .0 | 0 | | 8 | 4 | 1 |
| SHILOH | 82.2 | 60.9 | 71.6 | - .1 | 90 | 12 | 51 | 14 | 3 | 1 | 0 | 0 | 0 | 5.01 | 1.60 | 1.61 | 6 | .0 | 0 | | 8 | 3 | 2 |
| TOMS RIVER | 79.6 | 58.1 | 68.9 | | 95 | 12 | 48 | 29+ | 22 | 2 | 0 | 0 | 0 | 4.44 | | 1.80 | 22 | .0 | 0 | | 7 | 3 | 1 |
| TRENTON WB CITY R | 79.0 | 61.5 | 70.3 | - .7 | 91 | 11 | 54 | 7 | 8 | 1 | 0 | 0 | 0 | 3.87 | .27 | 1.14 | 21 | .0 | 0 | | 8 | 4 | 1 |
| TUCKERTON | 78.3 | 59.2 | 68.8 | | 91 | 12 | 49 | 29+ | 17 | 1 | 0 | 0 | 0 | 5.54 | | 2.17 | 6 | .0 | 0 | | 10 | 3 | 1 |
| WOODSTOWN | 83.3 | 58.4 | 70.9 | | 92 | 12 | 44 | 28 | 12 | 3 | 0 | 0 | 0 | 4.60 | | 1.38 | 19 | .0 | 0 | | 9 | 3 | 2 |
| DIVISION | | | 70.0 | - .7 | | | | | | | | | | 4.45 | .83 | | | .0 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 75.4 | 63.1 | 69.3 | .3 | 90 | 12 | 56 | 28 | 3 | 1 | 0 | 0 | 0 | 4.60 | 1.56 | .94 | 17 | | | | 8 | 3 | 0 |
| CAPE MAY 1 NW | 76.1 | 61.3 | 68.7 | | 86 | 26 | 52 | 14 | 5 | 0 | 0 | 0 | 0 | 4.13 | | 1.60 | 22 | .0 | 0 | | 6 | 3 | 1 |
| LONG BRANCH 2 S | 77.3 | 60.3 | 68.8 | - .3 | 87 | 11 | 51 | 28 | 11 | 0 | 0 | 0 | 0 | 3.73 | .32 | 1.02 | 21 | .0 | 0 | | 8 | 3 | 1 |
| SANDY HOOK | 75.2 | 61.3 | 68.3 | | 85 | 11 | 55 | 14 | 16 | 0 | 0 | 0 | 0 | 5.84 | | 1.69 | 5 | .0 | 0 | | 8 | 4 | 2 |
| DIVISION | | | 68.8 | - .6 | | | | | | | | | | 4.58 | 1.51 | | | .0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>2 STATIONS | 95 | DATE | 12+ |
| LOWEST TEMPERATURE<br>SUSSEX 1 SE | 37 | DATE | 29 |
| GREATEST TOTAL PRECIPITATION<br>ATLANTIC CITY WB AP | 6.36 | | |
| LEAST TOTAL PRECIPITATION<br>NEW MILFORD | .95 | | |
| GREATEST 1 DAY PRECIPITATION<br>TUCKERTON | 2.17 | DATE | 06 |

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See Reference Notes Following Station Index

# DAILY PRECIPITATION

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NORTHERN 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BELVIDERE | 3.25 |  |  | T | .42 | .24 | .12 | .18 |  |  |  |  |  | .05 |  |  | .03 | .06 | .20 | .87 |  |  | .49 |  |  | T | .02 | .52 | .02 |  | .03 |  |
| BERNARDSVILLE 2 E | 3.06 |  |  |  | .62 | .28 | .03 | .11 |  |  |  |  |  | .04 |  |  | .03 | .12 |  | 1.16 |  |  | .50 |  |  |  |  | .17 |  |  |  |  |
| BLACKWELLS MILLS | 5.10 |  |  |  | .80 | 1.55 | .08 | .22 |  |  | .15 |  |  |  |  |  | .05 | .04 | .08 | .75 |  |  | 1.20 |  |  |  |  | .18 |  |  |  |  |
| BOONTON 1 SE | 2.39 |  |  | T | .11 | .11 | .05 | .37 |  |  | T |  |  | .26 |  |  | .03 | .13 | T | .78 |  |  | .42 |  |  |  |  | .13 |  |  |  |  |
| BOUND BROOK 2 W | 1.81 |  |  |  | .31 | .43 | .02 | .03 |  |  |  |  |  |  |  |  | .02 | T |  | .34 |  |  | .57 |  |  |  |  | .09 |  |  |  |  |
| BRANCHVILLE | 2.00 |  |  | T | .21 | .19 | .06 | .21 |  |  | T |  |  | .01 |  |  | .01 | .03 | .15 | .74 |  |  | .24 |  |  |  | .02 | .13 |  |  | T |  |
| CANISTEAR RESERVOIR | 4.42 |  |  | T | .42 | .46 | .16 | .26 |  |  | 1.94 |  | .01 | .11 |  |  | .04 | .07 | .08 | .15 |  |  | .40 | T |  |  |  | .30 | .02 |  |  |  |
| CANOE BROOK | 2.41 |  |  |  | .30 | .28 | .02 | .04 | T |  |  |  |  | T |  |  | .02 | .03 | .09 | .88 |  |  | .52 |  |  |  |  | .22 | .01 |  |  |  |
| CHARLOTTEBURG | 3.72 |  |  | T | .65 | .26 | .28 | .47 |  |  | .53 |  |  | .05 |  |  | .02 | .10 | T | .36 |  |  | .42 | T |  |  |  | .22 | .36 |  |  |  |
| CLINTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |
| CRANFORD | 2.66 |  |  |  | .28 | .24 | .11 | T |  |  | .04 | T | .01 |  |  | .04 | .05 | .03 | .10 | .70 |  | .55 |  |  |  |  | .11 | .40 |  |  |  |  |
| ESSEX FELLS SERV BLDG | 2.05 |  |  | T | .22 | .18 | .01 | .13 |  |  |  |  |  |  |  |  | .03 | .02 | .05 | .94 |  |  | .39 |  |  |  |  | .08 |  |  |  |  |
| FLEMINGTON 1 NE | 3.22 |  |  |  | .95 | .45 | .08 | .09 |  |  |  |  |  | T |  |  | .11 | .10 | .04 | .35 |  |  | .78 |  |  |  | T | .27 |  |  | T |  |
| GREENWOOD LAKE | 3.22 |  |  |  | .52 | .40 | .35 | .30 |  |  | .46 |  | .06 | .08 |  |  | .05 | .15 |  | .20 |  |  | .38 |  |  |  |  | .22 |  |  | .05 |  |
| HIGH POINT PARK | 1.94 |  |  |  | .05 | .15 | .12 |  |  |  |  |  | .13 | T |  |  |  | .14 | .23 | .89 |  |  | .13 |  |  |  | .10 |  |  |  |  |  |
| JERSEY CITY | 2.26 |  |  | .03 | .21 | .18 | T |  |  |  |  |  | T |  |  | T | .08 | T | .80 |  |  | .61 |  |  |  |  | .35 | T |  | T |  |  |
| LAMBERTVILLE | 4.77 |  |  | .01 | .74 | .64 | .32 |  |  |  |  |  | .17 | T |  | .02 | .04 | .02 | .05 | .69 |  | 1.77 |  |  |  |  | .23 | .07 |  |  |  |  |
| LAYTON 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |
| LITTLE FALLS | 1.84 |  |  | .02 | .11 | .14 | .02 | .19 |  |  |  |  |  | .37 |  |  | .03 | .06 | .17 | .29 |  |  | .33 |  |  |  |  | .11 |  |  |  |  |
| LONG VALLEY | 3.35 |  |  |  | .55 | .17 | .27 | .08 |  |  |  |  |  |  |  |  | .07 | .10 | .09 | 1.32 |  |  | .51 |  |  |  |  | .19 |  |  |  |  |
| MAHWAH | 2.61 |  |  |  | .15 | .36 | .83 | .20 |  |  |  |  | .01 | .01 |  |  | .02 | .10 | .01 | .16 |  |  | .34 | .01 |  |  |  | .31 | .10 |  |  |  |
| MIDLAND PARK | 2.99 |  |  | .83 | .03 | .37 | .68 |  |  |  |  |  | .01 |  |  | .03 | .08 | .02 | .33 |  |  | .39 | .01 |  |  |  | .10 | .11 |  |  |  |  |
| MILTON | 3.81 |  |  |  | .61 | .33 | .24 | .27 |  |  | .70 |  |  | .04 |  |  | .15 |  | .50 |  |  |  | .36 |  |  |  |  | .61 |  |  |  |  |
| MORRIS PLAINS 1 W | 3.27 |  |  | .02 | .33 | .15 | .19 | .26 |  |  | T |  |  | .02 |  |  | .02 | .14 | T | 1.52 |  |  | .47 | T |  |  |  | .14 | .01 |  | T |  |
| NEWARK WB AIRPORT R | 2.41 |  |  | .15 | .19 | .25 | .05 | .01 |  |  |  |  | T |  |  | T | .02 | T | .86 | T |  | .48 | T |  |  |  | .40 | T |  |  | T |  |
| NEW MILFORD | .95 |  |  | .08 |  | .10 | .23 |  |  |  |  |  |  |  |  |  | .01 | .01 | .13 |  |  | .25 |  |  |  |  | .10 | .04 |  |  |  |  |
| NEWTON | 2.91 |  |  | .03 | .34 | .23 | .07 | .21 |  |  | .48 |  | .01 | .01 |  |  | .02 | .03 | .16 | .64 |  |  | .39 |  |  |  | T | .29 | T |  | T |  |
| OAK RIDGE RESERVOIR | 3.37 |  |  |  | .67 | .31 | .36 | .26 |  |  | .19 |  | .06 |  |  |  | .06 | .04 | .04 | .39 |  |  | .48 |  |  |  |  | .51 |  |  |  |  |
| PATERSON | 1.25 |  |  | .17 | .07 | .20 | .04 | .42 |  |  | .01 |  |  | .04 |  |  |  |  |  |  |  |  | .30 |  |  |  |  |  |  |  |  |  |
| PHILLIPSBURG | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |
| PLAINFIELD | 3.10 |  |  | T | .88 | .33 | .20 | T |  |  |  |  | .08 |  |  | T | .10 | .05 | .63 | .06 |  | .55 |  |  |  |  | .15 | .07 |  |  | T |  |
| POTTERSVILLE 2 NNW | 2.68 |  |  |  | .66 | .18 | .19 | .16 |  |  |  |  |  |  |  |  | T | .28 | .01 | .67 |  |  | .42 |  |  |  |  | .10 |  |  | .01 |  |
| RAHWAY | 3.03 |  |  | .22 | .17 | .36 | .05 | .04 |  |  |  |  |  |  |  | .02 | .02 |  | 1.20 |  |  | .50 | .05 |  |  |  | .40 |  |  |  |  |  |
| RINGWOOD | 1.96 |  |  |  | .15 | .34 | .31 | .40 |  |  | .06 |  |  | .01 |  |  | .04 | T |  | .14 |  |  | .28 |  |  |  |  | .23 |  |  |  |  |
| SOMERVILLE 3 NW | 1.89 |  |  |  | .45 | .29 | .04 | .11 |  |  |  |  |  | .02 |  |  | .03 | .08 |  | .20 |  |  | .53 |  |  |  | T | .14 |  |  | T |  |
| SPLIT ROCK POND | 2.71 |  |  |  | .39 | .05 | .55 | .14 |  |  |  |  |  |  |  |  | .02 | .10 |  | .67 |  |  | .40 |  |  |  |  | .26 | .13 |  |  |  |
| SUSSEX 1 SE | 3.27 |  |  | T | .37 | .15 | .06 | .18 |  |  | .13 |  | .06 | .23 |  |  | T | .04 | .59 | .97 |  |  | .41 | .01 |  |  |  | .07 |  |  |  |  |
| WANAQUE RAYMOND DAM | 2.78 |  |  | T | .47 | .29 | .27 | .33 |  |  | .05 |  |  |  |  |  | .04 | .09 |  | .13 |  |  | .35 |  |  |  |  | .76 |  |  |  |  |
| WERTSVILLE | 4.59 |  |  |  | .42 | 1.40 | .11 | .11 |  |  |  |  |  |  |  |  | .05 | .04 | .02 | .72 |  |  | 1.35 |  |  |  |  | .37 |  |  |  |  |
| WEST WHARTON | 2.54 |  |  |  | .34 | .17 | .05 | .46 |  |  | T |  |  | .02 |  |  | .03 | .16 | T | .53 |  |  | .42 |  |  |  |  | .21 | .15 |  |  |  |
| WOODCLIFF LAKE | 2.61 |  |  | .48 |  | .38 | .80 |  |  |  |  |  |  |  |  |  | .05 | .04 | .30 |  |  | .32 |  |  |  |  | .10 | .14 |  |  |  |  |
| * * * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SOUTHERN 02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY WB AP | 6.36 |  |  | .03 |  | .72 | 1.06 | .46 |  |  |  |  | .05 |  |  | .02 | .49 | 1.55 | .34 |  |  | 1.00 | .06 |  |  |  | .50 |  |  | .01 | .07 |  |
| AUDUBON | 4.30 |  |  | .10 | T | 1.10 | .29 |  |  |  | T |  | .26 |  |  | T | .10 | .23 | .40 |  |  | 1.22 | .13 |  |  | T | T | .47 |  | T |  |  |
| BASS RIVER ST FOREST | 5.37 |  |  |  | .29 | .02 | .53 | 1.02 | .19 |  |  |  | .18 |  |  |  | .03 | .35 | .16 | .43 |  |  | 1.51 |  |  |  | .66 |  |  |  |  |  |
| BELLEPLAIN ST FOREST | 4.59 |  |  |  | .14 | .03 | .96 | .06 |  |  |  |  |  |  |  | .06 | .40 | .34 | .03 | .68 |  | .96 | .08 |  |  |  |  | .85 |  |  |  |  |
| BURLINGTON | 1.72 |  |  |  |  | .47 | .25 |  |  |  | .22 |  |  | .20 |  |  | .01 |  | .02 |  |  | .35 | .08 |  |  |  | .10 | .02 |  |  |  |  |
| CANTON | 5.39 |  |  |  |  |  | 1.24 | .39 |  |  |  |  |  | .08 |  |  | .28 | 1.10 | .28 | .58 |  |  | 1.24 |  |  |  |  | .20 |  |  |  |  |
| CHATSWORTH | 4.16 |  |  |  | T |  | .46 | .32 |  |  |  |  |  | .19 |  |  | .03 | .29 |  | .74 |  | 1.02 | .40 |  |  |  | .60 | .11 |  |  |  |  |
| FORTESCUE | 4.19 |  |  |  | .25 |  | .38 | .33 |  |  |  |  |  |  |  |  | .85 |  | .35 |  | .15 | 1.45 |  |  |  |  | .43 |  |  |  |  |  |
| FREEHOLD | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |
| GLASSBORO | 5.23 |  |  |  | .04 | 1.06 | .14 | T | T |  |  |  | .13 |  |  |  | .22 | .23 | .14 | .91 |  | 1.91 | T |  |  |  | .45 | T |  |  |  |  |
| HAMMONTON 2 NNE | 3.15 |  |  |  | .03 | .03 | .71 | .15 | T |  |  |  |  | .16 |  |  | .04 | .16 |  | .34 | .01 | T | 1.20 | T |  |  | T | .30 |  |  | .02 |  |
| HIGHTSTOWN 1 N | 4.03 |  |  | T | .60 | .24 | .17 | .25 |  |  |  |  | .02 |  |  | T | .05 | .01 | .13 | .89 |  | 1.35 |  |  |  |  | .30 | .02 |  | T |  |  |
| INDIAN MILLS 2 W | 3.59 |  |  | T | .01 |  | .40 |  |  |  |  |  | .14 | .06 |  | T | .12 | .28 | .48 | .01 |  | 1.26 | .58 |  |  |  | .14 | .09 |  |  | .02 |  |
| MAYS LANDING 1 W | 6.03 |  |  |  | .04 | T | .85 | .95 | .32 |  |  |  |  | .05 |  |  | .21 | 1.07 | T | .56 |  |  | 1.41 |  |  |  |  | .57 |  |  | T |  |
| MILLVILLE FAA AIRPORT | 5.45 |  |  | .32 | .04 | .13 | .73 | T |  |  |  |  | .21 |  |  | .10 | .65 | .28 | .97 |  | T | 1.12 | .03 |  |  |  | .56 |  |  |  | .31 |  |
| MOORESTOWN | 3.74 |  |  |  | .01 | .05 |  |  | .91 |  | .05 |  |  |  |  | .62 | .02 | .08 | .12 | .27 |  | 1.39 |  |  |  |  | .14 | .08 |  |  |  |  |
| NEW BRUNSWICK | 4.28 |  |  |  | .42 | 1.60 | .05 | .08 | T |  | .02 |  |  | .06 |  |  | .03 | .01 | .04 | .68 |  |  | 1.07 |  |  |  |  | .22 | T |  |  |  |
| PEMBERTON 3 E | 5.60 |  |  |  | .32 | .15 | .75 |  |  |  |  |  | 1.65 |  |  | T | .14 |  |  | .11 |  | 1.41 | .14 |  |  |  | .18 | .75 |  |  |  |  |
| PRINCETON WATER WORKS | 5.37 |  |  | .95 | .20 | .97 | .06 | T |  |  | .49 |  | .11 |  |  | .02 | T | .10 | .83 |  |  | 1.30 |  |  |  |  | .32 | .02 |  |  |  |  |
| SEABROOK FARMS | 4.88 |  |  |  |  | .02 | .83 | .48 |  |  |  | T |  | .06 |  |  | .14 | .92 | .29 | .77 |  |  | 1.03 |  |  |  |  | .34 |  |  |  |  |
| SHILOH | 5.01 |  |  |  |  |  | 1.61 |  |  |  |  |  |  | .05 |  |  | .40 | 1.20 | .27 | .55 |  | .38 | .29 |  |  |  | .23 | .03 |  |  |  |  |
| TOMS RIVER | 4.44 |  |  |  | .17 | .02 | .10 | .50 | .03 |  |  |  |  | .92 |  |  | .03 | .04 |  | .42 |  |  | 1.80 |  |  |  |  | .41 |  |  |  |  |
| TRENTON WB CITY R | 3.87 |  |  | .54 | .13 | .43 | .09 |  |  |  | .11 |  | .62 |  |  | .01 | .03 |  | .64 |  |  | 1.14 |  |  |  |  | .11 | .02 |  | T |  |  |
| TUCKERTON | 5.54 |  |  |  | .03 | T | 2.17 | .13 |  |  | T |  | T | .12 |  | .03 | .30 | .31 | .15 | .45 |  | .87 | .28 |  |  |  | .68 | .01 |  |  | .01 |  |
| WOODSTOWN | 4.60 |  |  |  | .04 | .03 | .41 |  |  |  | T |  | .12 |  |  | T | .23 | .06 | .22 | 1.38 | T | 1.09 | .66 |  |  |  | .10 | .26 |  |  |  |  |
| * * * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| COASTAL 03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY R | 4.60 |  |  | .08 | .01 | .40 | .28 | .25 |  |  |  |  | .04 |  |  | .06 | .48 | .94 | .28 |  |  | .85 | .08 |  |  | .09 | .75 |  |  |  | .01 |  |
| CAPE MAY 1 NW | 4.13 |  |  |  | .30 | T | .20 | .08 |  |  |  |  |  | .01 |  |  | .02 | .41 | T | .77 |  |  | 1.60 |  |  |  | T | .74 |  |  |  |  |
| LONG BRANCH 2 S | 3.73 |  |  |  | .69 | .39 | .28 | .03 |  |  |  |  | T | .09 |  |  | .11 | T | T | .19 |  | 1.02 | .03 |  |  |  | .33 | .57 |  |  |  |  |
| SANDY HOOK | 5.84 |  |  | .04 | .41 | 1.69 |  | .60 |  |  |  |  |  |  |  |  | .50 | .04 | .38 | .47 |  |  | 1.50 |  |  | T | T |  |  | .21 |  |  |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 77 | 84 | 85 | 84 | 62 | 73 | 65 | 73 | 82 | 84 | 83 | 89 | 82 | 80 | 75 | 66 | 66 | 76 | 80 | 82 | 72 | 61 | 71 | 74 | 81 | 78 | 74 | 70 | 77 | 80 | | 76.2 |
| | MIN | 53 | 57 | 65 | 57 | 57 | 59 | 44 | 48 | 51 | 58 | 56 | 61 | 50 | 47 | 55 | 56 | 60 | 64 | 60 | 50 | 48 | 56 | 50 | 52 | 59 | 57 | 58 | 45 | 44 | 47 | | 54.1 |
| BOONTON 1 SE | MAX | 76 | 83 | 84 | 85 | 64 | 73 | 67 | 75 | 81 | 84 | 84 | 90 | 84 | 78 | 75 | 70 | 67 | 76 | 82 | 81 | 73 | 61 | 72 | 84 | 81 | 81 | 65 | 74 | 77 | 79 | | 76.9 |
| | MIN | 55 | 62 | 64 | 59 | 58 | 60 | 50 | 57 | 58 | 58 | 60 | 64 | 61 | 48 | 52 | 58 | 58 | 65 | 58 | 57 | 55 | 54 | 51 | 51 | 52 | 59 | 59 | 49 | 48 | 58 | | 56.6 |
| CANOE BROOK | MAX | 77 | 84 | 88 | 87 | 64 | 74 | 68 | 72 | 83 | 85 | 84 | 90 | 87 | 77 | 78 | 73 | 72 | 81 | 84 | 85 | 74 | 65 | 73 | 81 | 83 | 84 | 69 | 78 | 78 | 82 | | 78.7 |
| | MIN | 53 | 66 | 66 | 57 | 58 | 58 | 48 | 50 | 55 | 59 | 60 | 62 | 51 | 40 | 47 | 57 | 58 | 64 | 62 | 54 | 50 | 51 | 49 | 53 | 59 | 62 | 59 | 46 | 46 | 56 | | 55.2 |
| CHARLOTTEBURG | MAX | 75 | 82 | 84 | 83 | 61 | 68 | 63 | 73 | 82 | 83 | 81 | 88 | 82 | 75 | 73 | 68 | 65 | 75 | 82 | 80 | 70 | 61 | 70 | 80 | 79 | 78 | 63 | 72 | 75 | 78 | | 75.0 |
| | MIN | 49 | 58 | 65 | 56 | 56 | 57 | 48 | 47 | 51 | 56 | 57 | 60 | 55 | 48 | 50 | 54 | 58 | 62 | 59 | 50 | 45 | 49 | 50 | 51 | 53 | 56 | 58 | 47 | 42 | 46 | | 53.1 |
| CRANFORD | MAX | 85 | 88 | 88 | 85 | 75 | 75 | 73 | 83 | 84 | 85 | 92 | 90 | 79 | 77 | 73 | 69 | 80 | 85 | 85 | 84 | 73 | 73 | 82 | 84 | 83 | 80 | 76 | 79 | 83 | 88 | | 81.2 |
| | MIN | 56 | 67 | 65 | 59 | 59 | 61 | 52 | 52 | 59 | 60 | 63 | 65 | 59 | 50 | 54 | 60 | 64 | 65 | 64 | 57 | 51 | 60 | 54 | 55 | 60 | 63 | 61 | 49 | 47 | 65 | | 58.5 |
| ESSEX FELLS SERV BLDG | MAX | 78 | 86 | 87 | 87 | 62 | 72 | 65 | 74 | 83 | 85 | 85 | 91 | 77 | 85 | 77 | 73 | 68 | 79 | 84 | 83 | 73 | 63 | 72 | 82 | 83 | 83 | 66 | 74 | 77 | 83 | | 77.9 |
| | MIN | 54 | 64 | 65 | 58 | 58 | 60 | 50 | 52 | 60 | 58 | 60 | 63 | 50 | 50 | 53 | 57 | 62 | 66 | 61 | 50 | 50 | 57 | 52 | 55 | 61 | 62 | 59 | 46 | 45 | 54 | | 56.4 |
| FLEMINGTON 1 NE | MAX | 73 | 78 | 88 | 88 | 62 | 75 | 66 | 75 | 83 | 84 | 84 | 91 | 87 | 78 | 77 | 72 | 68 | 81 | 81 | 83 | 74 | 66 | 73 | 63 | 83 | 82 | 74 | 74 | 78 | 83 | | 78.1 |
| | MIN | 48 | 58 | 62 | 62 | 58 | 58 | 48 | 50 | 51 | 58 | 58 | 62 | 53 | 45 | 51 | 54 | 61 | 65 | 61 | 54 | 47 | 52 | 50 | 51 | 53 | 58 | 62 | 45 | 45 | 48 | | 54.3 |
| HIGH POINT PARK | MAX | 75 | 81 | 82 | 82 | 68 | 65 | 67 | 70 | 80 | 83 | 81 | 85 | 79 | 71 | 72 | 72 | 62 | 72 | 80 | 79 | 65 | 59 | 65 | 77 | 78 | 73 | 68 | 76 | 71 | 75 | | 73.8 |
| | MIN | 55 | 65 | 67 | 65 | 56 | 54 | 55 | 49 | 49 | 63 | 65 | 62 | 52 | 45 | 52 | 52 | 55 | 60 | 66 | 50 | 50 | 53 | 54 | 50 | 62 | 51 | 50 | 46 | 46 | 56 | | 55.2 |
| JERSEY CITY | MAX | 83 | 85 | 82 | 70 | 71 | 66 | 67 | 83 | 79 | 77 | 93 | 88 | 78 | 68 | 68 | 67 | 77 | 84 | 84 | 76 | 65 | 71 | 84 | 80 | 85 | 71 | 73 | 79 | 82 | 87 | | 77.4 |
| | MIN | 64 | 67 | 68 | 60 | 60 | 60 | 56 | 59 | 66 | 66 | 66 | 72 | 60 | 60 | 60 | 64 | 60 | 67 | 66 | 61 | 56 | 61 | 60 | 66 | 65 | 63 | 60 | 55 | 59 | 69 | | 62.5 |
| LAMBERTVILLE | MAX | 86 | 89 | 88 | 78 | 79 | 77 | 76 | 84 | 85 | 85 | 92 | 89 | 79 | 79 | 75 | 68 | 82 | 85 | 84 | 84 | 75 | 74 | 84 | 84 | 84 | 78 | 75 | 80 | 82 | 88 | | 81.6 |
| | MIN | 57 | 67 | 67 | 59 | 59 | 60 | 49 | 51 | 60 | 63 | 62 | 64 | 53 | 49 | 49 | 60 | 65 | 68 | 60 | 57 | 51 | 61 | 53 | 56 | 61 | 64 | 62 | 48 | 47 | 64 | | 58.2 |
| LAYTON 2 | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | MAX | 79 | 86 | 88 | 89 | 65 | 73 | 66 | 74 | 84 | 86 | 86 | 93 | 87 | 88 | 75 | 74 | 70 | 80 | 87 | 85 | 74 | 64 | 74 | 84 | 84 | 83 | 67 | 77 | 79 | 84 | | 79.5 |
| | MIN | 60 | 66 | 66 | 60 | 59 | 60 | 52 | 53 | 62 | 61 | 63 | 62 | 56 | 53 | 57 | 60 | 64 | 67 | 63 | 56 | 51 | 56 | 53 | 56 | 61 | 65 | 60 | 49 | 49 | 61 | | 58.7 |
| LONG VALLEY | MAX | 74 | 82 | 84 | 83 | 60 | 71 | 68 | 74 | 80 | 81 | 82 | 88 | 80 | 77 | 74 | 72 | 65 | 75 | 79 | 80 | 73 | 61 | 70 | 81 | 79 | 77 | 69 | 76 | 76 | 78 | | 75.6 |
| | MIN | 50 | 58 | 63 | 57 | 55 | 54 | 47 | 46 | 55 | 52 | 55 | 57 | 54 | 45 | 49 | 47 | 58 | 64 | 53 | 46 | 41 | 51 | 44 | 47 | 54 | 59 | 58 | 46 | 42 | 55 | | 52.1 |
| MORRIS PLAINS 1 W | MAX | 78 | 85 | 88 | 87 | 61 | 73 | 65 | 83 | 75 | 85 | 84 | 91 | 85 | 77 | 77 | 71 | 66 | 78 | 84 | 83 | 75 | 61 | 72 | 83 | 82 | 81 | 66 | 76 | 78 | 81 | | 77.7 |
| | MIN | 53 | 59 | 64 | 58 | 57 | 59 | 51 | 59 | 50 | 57 | 58 | 63 | 58 | 47 | 51 | 57 | 60 | 64 | 58 | 49 | 46 | 55 | 50 | 52 | 55 | 61 | 59 | 52 | 45 | 55 | | 55.4 |
| NEWARK WB AIRPORT | MAX | 66 | 89 | 90 | 66 | 74 | 68 | 70 | 84 | 85 | 83 | 92 | 86 | 78 | 73 | 72 | 70 | 80 | 87 | 86 | 75 | 68 | 74 | 83 | 84 | 84 | 75 | 76 | 78 | 84 | 88 | | 79.6 |
| | MIN | 63 | 69 | 66 | 61 | 60 | 60 | 57 | 57 | 63 | 64 | 65 | 70 | 62 | 59 | 58 | 64 | 66 | 67 | 66 | 59 | 57 | 61 | 60 | 62 | 65 | 63 | 59 | 53 | 58 | 69 | | 62.1 |
| NEWTON | MAX | 79 | 86 | 87 | 87 | 65 | 72 | 65 | 75 | 85 | 88 | 87 | 89 | 82 | 78 | 77 | 67 | 66 | 77 | 84 | 82 | 72 | 61 | 72 | 82 | 83 | 79 | 62 | 70 | 77 | 81 | | 77.2 |
| | MIN | 52 | 58 | 65 | 56 | 53 | 58 | 45 | 47 | 59 | 57 | 57 | 60 | 46 | 48 | 48 | 56 | 59 | 64 | 67 | 51 | 44 | 51 | 45 | 48 | 58 | 56 | 57 | 43 | 41 | 54 | | 53.4 |
| PATERSON | MAX | 82 | 89 | 90 | 91 | 69 | 73 | 67 | 75 | 87 | 89 | 87 | 87 | 85 | 79 | 78 | 76 | 70 | 80 | 89 | | | 65 | 75 | 85 | 88 | | | | | | | 80.7 |
| | MIN | 62 | 68 | 63 | 61 | 60 | 61 | 54 | 55 | 57 | 62 | 64 | 67 | 59 | 56 | 56 | 55 | 61 | 64 | 64 | | 51 | 58 | 51 | 61 | 63 | | | | | | | 59.7 |
| PHILLIPSBURG | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLAINFIELD | MAX | 87 | 89 | 90 | 82 | 73 | 67 | 72 | 85 | 85 | 85 | 92 | 88 | 80 | 78 | 76 | 69 | 80 | 85 | 86 | 78 | 66 | 74 | 85 | 84 | 85 | 70 | 76 | 80 | 84 | 89 | | 80.7 |
| | MIN | 56 | 66 | 65 | 59 | 59 | 62 | 52 | 52 | 57 | 61 | 64 | 64 | 57 | 50 | 54 | 60 | 64 | 67 | 63 | 58 | 51 | 60 | 52 | 55 | 59 | 65 | 61 | 49 | 48 | 65 | | 58.5 |
| SOMERVILLE 3 NW | MAX | 78 | 85 | 87 | 87 | 62 | 74 | 66 | 75 | 83 | 85 | 83 | 90 | 87 | 78 | 77 | 73 | 68 | 80 | 84 | 83 | 74 | 64 | 74 | 83 | 83 | 83 | 72 | 77 | 78 | 82 | | 78.5 |
| | MIN | 53 | 57 | 62 | 59 | 58 | 59 | 51 | 49 | 51 | 59 | 60 | 62 | 55 | 48 | 52 | 57 | 60 | 64 | 58 | 53 | 48 | 56 | 51 | 53 | 53 | 60 | 61 | 46 | 46 | 48 | | 55.0 |
| SUSSEX 1 SE | MAX | 78 | 84 | 85 | 85 | 65 | 70 | 63 | 73 | 83 | 88 | 85 | 89 | 83 | 74 | 75 | 68 | 66 | 76 | 82 | 82 | 70 | 70 | 70 | 82 | 81 | 80 | 60 | 72 | 76 | 82 | | 76.6 |
| | MIN | 48 | 54 | 59 | 54 | 54 | 56 | 40 | 46 | 49 | 56 | 56 | 56 | 53 | 41 | 48 | 52 | 54 | 60 | 52 | 45 | 41 | 44 | 44 | 51 | 51 | 52 | 52 | 40 | 37 | 51 | | 49.9 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 82 | 84 | 85 | 71 | 86 | 75 | 68 | 80 | 76 | 75 | 85 | 89 | 75 | 70 | 71 | 71 | 79 | 84 | 83 | 76 | 73 | 76 | 78 | 79 | 86 | 71 | 78 | 77 | 78 | 85 | | 78.2 |
| | MIN | 62 | 65 | 64 | 61 | 61 | 56 | 53 | 55 | 55 | 57 | 63 | 67 | 55 | 49 | 52 | 62 | 67 | 67 | 65 | 58 | 57 | 60 | 56 | 59 | 66 | 68 | 58 | 53 | 49 | 66 | | 59.5 |
| AUDUBON | MAX | 87 | 89 | 90 | 72 | 84 | 72 | 76 | 85 | 84 | 86 | 92 | 92 | 81 | 79 | 73 | 71 | 87 | 86 | 87 | 78 | 72 | 77 | 84 | 85 | 89 | 75 | 77 | 80 | 84 | 90 | | 82.1 |
| | MIN | 60 | 65 | 68 | 63 | 60 | 56 | 53 | 55 | 58 | 62 | 65 | 67 | 60 | 53 | 55 | 63 | 66 | 68 | 65 | 59 | 58 | 62 | 56 | 59 | 62 | 68 | 60 | 53 | 52 | 66 | | 60.6 |
| BELLEPLAIN ST FOREST | MAX | 86 | 87 | 88 | 87 | 88 | 86 | 73 | 81 | 81 | 80 | 85 | 91 | 89 | 72 | 71 | 71 | 83 | 85 | 86 | 82 | 78 | 79 | 82 | 82 | 89 | 80 | 77 | 80 | 82 | 88 | | 82.3 |
| | MIN | 60 | 62 | 65 | 65 | 60 | 60 | 51 | 49 | 48 | 50 | 63 | 64 | 60 | 45 | 48 | 61 | 65 | 67 | 62 | 63 | 56 | 60 | 52 | 54 | 63 | 63 | 67 | 49 | 46 | 67 | | 58.2 |
| BURLINGTON | MAX | 89 | 89 | | 72 | 80 | 80 | 77 | 83 | 88 | 84 | 91 | | 80 | 78 | 73 | 74 | 85 | 87 | 90 | 87 | 72 | 74 | 84 | 83 | 86 | 86 | 80 | 80 | 84 | 92 | | 82.4 |
| | MIN | 65 | 66 | | 64 | 59 | 64 | 53 | 52 | 52 | | 60 | | 59 | 55 | 56 | 62 | 63 | | 66 | 67 | 56 | 59 | 59 | 58 | 58 | 69 | 63 | 55 | 51 | 62 | | 59.7 |
| CHATSWORTH | MAX | 87 | 89 | 90 | 87 | 86 | 80 | 69 | 85 | 82 | 80 | 95 | 92 | 84 | 81 | 74 | 69 | 83 | 87 | 86 | 82 | 76 | 77 | 82 | 88 | 86 | 77 | 76 | 80 | 83 | 88 | | 82.7 |
| | MIN | 55 | 60 | 63 | 62 | 59 | 60 | 50 | 50 | 52 | 57 | 62 | 65 | 56 | 47 | 51 | 61 | 65 | 66 | 62 | 60 | 51 | 61 | 52 | 62 | 63 | 63 | 67 | 49 | 46 | 64 | | 58.0 |
| FREEHOLD | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GLASSBORO | MAX | 78 | 84 | 86 | 88 | 65 | 83 | 71 | 73 | 83 | 81 | 83 | 88 | 90 | 79 | 75 | 73 | 71 | 85 | 86 | 86 | 74 | 69 | 76 | 81 | 83 | 87 | 73 | 75 | 77 | 82 | | 79.5 |
| | MIN | 52 | 65 | 66 | 62 | 59 | 62 | 52 | 56 | 58 | 64 | 61 | 65 | 59 | 51 | 54 | 61 | 65 | 69 | 65 | 64 | 59 | 62 | 55 | 59 | 63 | 70 | 68 | 51 | 52 | 60 | | 60.3 |
| HAMMONTON 2 NNE | MAX | 81 | 87 | 88 | 90 | 68 | 87 | 77 | 75 | 83 | 83 | 83 | 91 | 93 | 78 | 74 | 74 | 73 | 86 | 87 | 88 | 79 | 74 | 78 | 83 | 84 | 89 | 72 | 78 | 80 | 84 | | 81.6 |
| | MIN | 60 | 65 | 65 | 63 | 58 | 57 | 51 | 56 | 56 | 59 | 61 | 64 | 59 | 48 | 55 | 59 | 61 | 68 | 62 | 59 | 56 | 59 | 56 | 55 | 62 | 67 | 66 | 51 | 51 | 61 | | 59.0 |
| HIGHTSTOWN 1 N | MAX | 86 | 88 | 89 | 77 | 79 | 70 | 73 | 83 | 84 | 83 | 91 | 87 | 78 | 78 | 75 | 69 | 81 | 86 | 84 | 75 | 68 | 72 | 83 | 85 | 84 | 77 | 76 | 78 | 83 | 88 | | 80.3 |
| | MIN | 59 | 65 | 64 | 60 | 59 | 60 | 51 | 51 | 58 | 61 | 64 | 65 | 56 | 49 | 53 | 60 | 64 | 66 | 63 | 58 | 51 | 60 | 52 | 55 | 60 | 66 | 63 | 48 | 49 | 64 | | 58.5 |
| INDIAN MILLS 2 W | MAX | 86 | 88 | 89 | 79 | 84 | 74 | 72 | 84 | 83 | 84 | 91 | 91 | 79 | 75 | 74 | 69 | 85 | 85 | 85 | 80 | 72 | 75 | 82 | 83 | 88 | 79 | 75 | 79 | 82 | 88 | | 81.3 |
| | MIN | 56 | 65 | 65 | 62 | 59 | 59 | 47 | 52 | 53 | 56 | 62 | 65 | 55 | 46 | 50 | 60 | 65 | 67 | 61 | 60 | 52 | 61 | 52 | 55 | 58 | 66 | 64 | 47 | 44 | 62 | | 57.5 |
| MILLVILLE FAA AIRPORT | MAX | 84 | 86 | 88 | 70 | 84 | 77 | 73 | 81 | 79 | 81 | 86 | 91 | 80 | 72 | 71 | 72 | 84 | 86 | 87 | 75 | 73 | 76 | 81 | 82 | 89 | 72 | 76 | 80 | 81 | 86 | | 80.1 |
| | MIN | 61 | 66 | 67 | 62 | 62 | 55 | 53 | 54 | 57 | 59 | 64 | 65 | 55 | 50 | 53 | 62 | 66 | 67 | 65 | 61 | 62 | 61 | 57 | 57 | 66 | 69 | 56 | 51 | 50 | 67 | | 60.0 |
| MOORESTOWN | MAX | 81 | 85 | 87 | 87 | 75 | 83 | 72 | 76 | 82 | 83 | 89 | 91 | 86 | 78 | 75 | 69 | 85 | 86 | 84 | 84 | 74 | 86 | 81 | 82 | 82 | 87 | 74 | 75 | 78 | 86 | | 81.4 |
| | MIN | 41 | 67 | 66 | 61 | 58 | 62 | 50 | 56 | 58 | 61 | 64 | 67 | 58 | 50 | 54 | 60 | 64 | 67 | 63 | 60 | 53 | 60 | 53 | 57 | 60 | 65 | 65 | 49 | 47 | 65 | | 58.7 |
| NEW BRUNSWICK | MAX | 77 | 85 | 87 | 87 | 61 | 75 | 64 | 71 | 83 | 83 | 82 | 89 | 86 | 78 | 75 | 75 | 69 | 80 | 85 | 83 | 73 | 66 | 72 | 82 | 82 | 84 | 72 | 75 | 78 | 81 | | 78.0 |
| | MIN | 57 | 66 | 65 | 60 | 58 | 59 | 50 | 54 | 60 | 61 | 64 | 66 | 60 | 51 | 55 | 58 | 61 | 66 | 64 | 58 | 53 | 59 | 56 | 57 | 61 | 66 | 62 | 51 | 51 | 58 | | 58.9 |
| PEMBERTON 3 E | MAX | 87 | 88 | 90 | 84 | 82 | 74 | 71 | 85 | 84 | 84 | 92 | 92 | 78 | 77 | 75 | 68 | 85 | 85 | 86 | 84 | 70 | 76 | 84 | 84 | 88 | 83 | 77 | 78 | 83 | 90 | | 82.1 |
| | MIN | 55 | 62 | 64 | 62 | 58 | 58 | 49 | 49 | 54 | 57 | 62 | 64 | 54 | 48 | 53 | 60 | 65 | 67 | 62 | 60 | 51 | 61 | 52 | 53 | 59 | 67 | 66 | 48 | 46 | 58 | | 57.5 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

NEW JERSEY
JUNE 1970

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEABROOK FARMS | MAX | 80 | 85 | 88 | 88 | 70 | 87 | 75 | 74 | 81 | 80 | 81 | 88 | 91 | 79 | 75 | 72 | 73 | 85 | 85 | 85 | 76 | 76 | 76 | 82 | 82 | 88 | 72 | 76 | 78 | 81 | | 80.3 |
| | MIN | 62 | 67 | 68 | 64 | 62 | 63 | 52 | 54 | 59 | 60 | 63 | 65 | 61 | 52 | 56 | 61 | 64 | 68 | 65 | 63 | 60 | 61 | 57 | 58 | 66 | 69 | 68 | 51 | 52 | 67 | | 61.3 |
| SHILOH | MAX | 82 | 85 | 87 | 87 | 85 | 85 | 74 | 80 | 78 | 78 | 87 | 90 | 89 | 80 | 72 | 71 | 85 | 85 | 86 | 86 | 77 | 76 | 81 | 81 | 88 | 87 | 75 | 79 | 81 | 88 | | 82.2 |
| | MIN | 61 | 65 | 67 | 64 | 61 | 59 | 52 | 56 | 58 | 59 | 63 | 65 | 60 | 51 | 56 | 60 | 65 | 67 | 65 | 63 | 60 | 61 | 60 | 59 | 65 | 68 | 67 | 53 | 52 | 65 | | 60.9 |
| TOMS RIVER | MAX | 81 | 84 | 88 | 89 | 65 | 79 | 74 | 68 | 86 | 82 | 78 | 95 | 91 | 74 | 71 | 74 | 72 | 82 | 88 | 86 | 76 | 72 | 75 | 82 | 83 | 86 | 73 | 72 | 80 | 83 | | 79.6 |
| | MIN | 58 | 59 | 65 | 62 | 60 | 62 | 54 | 51 | 53 | 58 | 61 | 61 | 55 | 48 | 52 | 55 | 63 | 67 | 63 | 61 | 52 | 58 | 53 | 55 | 63 | 69 | 67 | 50 | 48 | 60 | | 58.1 |
| TRENTON WB CITY | MAX | 84 | 86 | 87 | 65 | 79 | 67 | 74 | 83 | 82 | 82 | 91 | 88 | 77 | 74 | 71 | 68 | 83 | 84 | 85 | 74 | 68 | 73 | 81 | 82 | 85 | 74 | 74 | 78 | 81 | 89 | | 79.0 |
| | MIN | 62 | 68 | 65 | 60 | 60 | 57 | 54 | 59 | 64 | 64 | 65 | 67 | 60 | 55 | 58 | 61 | 66 | 65 | 66 | 61 | 58 | 62 | 60 | 63 | 65 | 64 | 59 | 55 | 57 | 66 | | 61.5 |
| TUCKERTON | MAX | 79 | 80 | 81 | 70 | 83 | 74 | 66 | 80 | 77 | 77 | 83 | 91 | 74 | 70 | 71 | 68 | 81 | 85 | 86 | 78 | 73 | 78 | 77 | 78 | 89 | 78 | 78 | 77 | 80 | 87 | | 78.3 |
| | MIN | 61 | 64 | 64 | 61 | 59 | 59 | 52 | 55 | 53 | 55 | 63 | 66 | 58 | 49 | 52 | 61 | 65 | 67 | 63 | 61 | 53 | 61 | 56 | 56 | 66 | 67 | 64 | 50 | 49 | 65 | | 59.2 |
| WOODSTOWN | MAX | 86 | 88 | 90 | 84 | 85 | 84 | 78 | 84 | 83 | 84 | 91 | 92 | 80 | 80 | 73 | 72 | 85 | 86 | 88 | 86 | 72 | 77 | 84 | 83 | 89 | 84 | 78 | 80 | 83 | 89 | | 83.3 |
| | MIN | 56 | 64 | 66 | 63 | 60 | 59 | 46 | 53 | 56 | 61 | 63 | 64 | 60 | 50 | 53 | 60 | 65 | 66 | 61 | 63 | 50 | 56 | 54 | 56 | 59 | 64 | 66 | 44 | 50 | 65 | | 58.4 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL | 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 71 | 70 | 70 | 71 | 79 | 72 | 68 | 75 | 74 | 76 | 77 | 90 | 71 | 68 | 70 | 69 | 75 | 80 | 85 | 77 | 71 | 78 | 79 | 78 | 84 | 73 | 78 | 76 | 77 | 79 | | 75.4 |
| | MIN | 64 | 64 | 64 | 61 | 62 | 59 | 57 | 60 | 62 | 62 | 64 | 68 | 63 | 59 | 63 | 63 | 67 | 67 | 66 | 64 | 62 | 63 | 63 | 65 | 69 | 68 | 60 | 56 | 60 | 67 | | 63.1 |
| CAPE MAY 1 NW | MAX | 72 | 75 | 78 | 77 | 68 | 83 | 77 | 72 | 76 | 75 | 74 | 79 | 85 | 75 | 70 | 70 | 69 | 77 | 80 | 84 | 76 | 72 | 76 | 79 | 77 | 86 | 70 | 77 | 76 | 79 | | 76.1 |
| | MIN | 60 | 63 | 64 | 64 | 60 | 62 | 58 | 56 | 56 | 60 | 61 | 63 | 65 | 52 | 56 | 64 | 64 | 66 | 64 | 66 | 64 | 61 | 59 | 59 | 65 | 67 | 65 | 58 | 56 | 60 | | 61.3 |
| LONG BRANCH 2 S | MAX | 78 | 82 | 83 | 75 | 70 | 69 | 65 | 83 | 76 | 75 | 87 | 85 | 74 | 70 | 71 | 69 | 75 | 86 | 84 | 81 | 72 | 72 | 80 | 78 | 84 | 78 | 75 | 76 | 79 | 86 | | 77.3 |
| | MIN | 61 | 64 | 61 | 61 | 59 | 62 | 56 | 56 | 59 | 59 | 63 | 67 | 63 | 53 | 56 | 60 | 63 | 65 | 64 | 61 | 54 | 61 | 57 | 60 | 63 | 67 | 63 | 51 | 53 | 66 | | 60.3 |
| SANDY HOOK | MAX | 80 | 80 | 81 | 81 | 66 | 68 | 64 | 76 | 76 | 74 | 85 | 82 | 82 | 68 | 66 | 66 | 72 | 78 | 78 | 76 | 70 | 73 | 78 | 78 | 79 | 80 | 72 | 74 | 76 | 78 | | 75.2 |
| | MIN | 62 | 66 | 65 | 59 | 58 | 61 | 58 | 60 | 63 | 60 | 62 | 69 | 62 | 55 | 57 | 60 | 62 | 63 | 64 | 58 | 58 | 60 | 61 | 63 | 64 | 65 | 61 | 56 | 60 | 67 | | 61.3 |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages- percent Standard of Time EASTERN | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 22 | 4.8 | 10.1 | 35++ | 25 | 06 | 91 | 87 | 65 | 78 | 0 | 6 | 3 | 2 | 3 | 0 | 14 | 53 | 6.2 |
| ATLANTIC CITY ST. MARINA | - | - | - | 35 | NW | 27 | - | - | - | - | 0 | 7 | 5 | 3 | 0 | 0 | 15 | - | - |
| NEWARK WB AIRPORT | 23 | 3.2 | 9.6 | 25++ | 33 | 27 | 76 | 74 | 57 | 65 | 7 | 3 | 5 | 1 | 0 | 0 | 16 | - | 6.3 |
| TRENTON WB CITY | - | - | - | 30 | NW | 27 | - | - | - | - | 1 | 4 | 4 | 3 | 1 | 0 | 13 | 57 | 6.4 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SUB-STA 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 0 | MAX | 82 | 86 | 87 | 72 | 75 | 71 | 77 | 80 | 85 | 85 | 90 | 85 | 86 | 88 | 81 | 72 | 79 | 84 | 85 | 82 | 70 | 73 | 85 | 84 | 85 | 73 | 78 | 85 | 85 | 86 |  | 81.2 |
|  |  | MIN | 69 | 70 | 70 | 68 | 64 | 65 | 63 | 64 | 66 | 69 | 71 | 72 | 72 | 66 | 67 | 69 | 69 | 71 | 71 | 70 | 67 | 68 | 66 | 67 | 68 | 69 | 67 | 64 | 64 | 70 |  | 67.9 |
|  | 2 | MAX | 77 | 80 | 82 | 72 | 72 | 71 | 72 | 79 | 81 | 82 | 85 | 82 | 83 | 84 | 88 | 71 | 77 | 81 | 81 | 79 | 70 | 73 | 81 | 80 | 81 | 73 | 76 | 81 | 81 | 82 |  | 78.6 |
|  |  | MIN | 67 | 70 | 70 | 68 | 64 | 66 | 64 | 64 | 67 | 69 | 71 | 72 | 73 | 67 | 68 | 69 | 69 | 71 | 71 | 70 | 69 | 68 | 66 | 68 | 69 | 70 | 68 | 66 | 65 | 70 |  | 68.3 |
|  | 4 | MAX | 72 | 75 | 78 | 78 | 70 | 70 | 71 | 71 | 74 | 78 | 74 | 82 | 80 | 80 | 80 | 76 | 71 | 76 | 78 | 79 | 76 | 73 | 72 | 79 | 78 | 79 | 72 | 75 | 78 | 78 |  | 75.8 |
|  |  | MIN | 63 | 66 | 69 | 70 | 65 | 65 | 67 | 65 | 66 | 68 | 71 | 72 | 72 | 69 | 70 | 69 | 69 | 70 | 71 | 72 | 72 | 68 | 67 | 67 | 70 | 70 | 69 | 70 | 66 | 67 |  | 68.5 |
|  | 8 | MAX | 67 | 70 | 72 | 72 | 70 | 69 | 70 | 68 | 71 | 72 | 73 | 76 | 75 | 74 | 75 | 72 | 70 | 72 | 74 | 75 | 74 | 73 | 70 | 73 | 73 | 74 | 71 | 72 | 73 | 73 |  | 72.1 |
|  |  | MIN | 63 | 65 | 68 | 69 | 66 | 66 | 67 | 65 | 66 | 68 | 70 | 71 | 73 | 71 | 71 | 70 | 69 | 69 | 71 | 72 | 73 | 68 | 68 | 67 | 70 | 70 | 70 | 70 | 68 | 68 |  | 68.7 |
|  | 20 | MAX | 63 | 64 | 65 | 66 | 66 | 65 | 65 | 65 | 66 | 67 | 67 | 69 | 69 | 69 | 69 | 68 | 68 | 69 | 69 | 69 | 69 | 68 | 68 | 69 | 69 | 69 | 69 | 69 | 68 | 69 |  | 67.5 |
|  |  | MIN | 63 | 63 | 64 | 65 | 65 | 65 | 64 | 65 | 65 | 66 | 66 | 67 | 68 | 68 | 68 | 68 | 67 | 68 | 68 | 69 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 |  | 66.8 |
|  | 40 | MAX | 59 | 59 | 60 | 61 | 61 | 62 | 62 | 62 | 62 | 62 | 63 | 63 | 64 | 64 | 64 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 66 | 66 | 66 | 66 | 66 |  | 63.6 |
|  |  | MIN | 59 | 59 | 59 | 60 | 60 | 61 | 61 | 61 | 61 | 61 | 62 | 62 | 63 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 |  | 62.9 |
| SUB-STA 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1 | MAX | 86 | 89 | 90 | 70 | 78 | 71 | 80 | 87 | 86 | 86 | 91 | 85 | 88 | 91 | 81 | 72 | 81 | 86 | 88 | 84 | 69 | 76 | 89 | 87 | 88 | 73 | 78 | 86 | 91 | 91 |  | 83.3 |
|  |  | MIN | 68 | 69 | 69 | 65 | 65 | 62 | 59 | 59 | 63 | 67 | 69 | 70 | 68 | 62 | 64 | 66 | 68 | 68 | 68 | 65 | 63 | 65 | 62 | 64 | 65 | 65 | 63 | 57 | 59 | 67 |  | 64.8 |
|  | 2 | MAX | 84 | 87 | 88 | 71 | 77 | 71 | 77 | 85 | 85 | 85 | 89 | 85 | 86 | 89 | 80 | 72 | 80 | 85 | 86 | 83 | 69 | 75 | 86 | 86 | 86 | 73 | 77 | 85 | 89 | 90 |  | 82.0 |
|  |  | MIN | 69 | 69 | 69 | 66 | 65 | 63 | 59 | 59 | 63 | 67 | 69 | 71 | 69 | 62 | 64 | 66 | 68 | 69 | 69 | 65 | 63 | 65 | 62 | 64 | 66 | 66 | 64 | 58 | 60 | 68 |  | 65.2 |
|  | 4 | MAX | 68 | 80 | 81 | 73 | 72 | 71 | 71 | 78 | 79 | 80 | 83 | 81 | 80 | 82 | 76 | 70 | 76 | 80 | 81 | 78 | 71 | 72 | 80 | 80 | 81 | 73 | 74 | 79 | 81 | 82 |  | 77.1 |
|  |  | MIN | 65 | 68 | 70 | 68 | 66 | 65 | 62 | 62 | 66 | 68 | 70 | 72 | 73 | 66 | 66 | 68 | 69 | 70 | 70 | 68 | 68 | 66 | 65 | 68 | 68 | 68 | 68 | 63 | 64 | 70 |  | 67.3 |
|  | 8 | MAX | 70 | 72 | 73 | 73 | 69 | 71 | 67 | 71 | 73 | 73 | 75 | 75 | 74 | 74 | 71 | 70 | 71 | 74 | 76 | 74 | 70 | 70 | 74 | 74 | 85 | 72 | 71 | 72 | 74 | 75 |  | 72.8 |
|  |  | MIN | 65 | 70 | 70 | 68 | 67 | 66 | 64 | 64 | 67 | 69 | 70 | 72 | 73 | 69 | 69 | 69 | 69 | 70 | 71 | 70 | 68 | 66 | 66 | 69 | 70 | 70 | 69 | 67 | 68 | 70 |  | 68.5 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER, KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# EVAPORATION AND WIND

| Station |  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * *<br>NORTHERN | 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CANOE BROOK |  | EVAP | .09 | .29 | .30 | .16 | .07 | .02 | .06 | .11 | .18 | .07 | .35 | .30 | .15 | .30 | .31 | .13 | .03 | .02 | .28 | .00 | .20 | .31 | .07 | .19 | .25 | .20 | .06 | .09 | .22 | .32 |  | 5.13 |
|  |  | WIND | 44 | 35 | 66 | 30 | 13 | 3 | 4 | 4 | 17 | 21 | 14 | 6 | 7 | 10 | 18 | 7 | 4 | 2 | 33 | 24 | 21 | 19 | 13 | 23 | 44 | 22 | 32 | 35 | 19 | 68 |  | 658 |
|  |  | MAX | 84 | 91 | 90 | 92 | 67 | 73 | 67 | 80 | 90 | 92 | 89 | 92 | 86 | 77 | 87 | 77 | 69 | 82 | 90 | 92 | 88 | 64 | 77 | 90 | 89 | 90 | 71 | 70 | 86 | 89 |  | 82.7 |
|  |  | MIN | 58 | 65 | 68 | 67 | 61 | 62 | 57 | 58 | 68 | 67 | 67 | 69 | 64 | 60 | 59 | 60 | 64 | 67 | 66 | 62 | 58 | 59 | 59 | 60 | 64 | 65 | 63 | 63 | 56 | 59 |  | 62.5 |
| * * *<br>SOUTHERN | 02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NEW BRUNSWICK |  | EVAP | .20 | .14 | .35 | .25 | .06 | .07 | .20 | .05 | .28 | .27 | .18 | .29 | .26 | .33 | .17 | .19 | .02 | .04 | .33 | .36 | .28 | .02 | .20 | .27 | .37 | .26 | .01 | .24 | .29 | .36 |  | 6.34 |
|  |  | WIND | 77 | 94 | 131 | 90 | 29 | 43 | 72 | 25 | 74 | 62 | 51 | 65 | 70 | 43 | 63 | 47 | 39 | 30 | 88 | 102 | 75 | 41 | 47 | 45 | 97 | 61 | 55 | 86 | 51 | 101 |  | 1954 |
|  |  | MAX | 81 | 89 | 91 | 91 | 64 | 75 | 85 | 71 | 87 | 88 | 88 | 93 | 89 | 87 | 89 | 89 | 70 | 83 | 88 | 89 | 84 | 74 | 85 | 92 | 86 | 88 | 70 | 78 | 85 | 86 |  | 83.8 |
|  |  | MIN | 60 | 63 | 65 | 63 | 59 | 60 | 55 | 57 | 59 | 59 | 65 | 67 | 60 | 58 | 55 | 56 | 61 | 67 | 65 | 59 | 57 | 62 | 58 | 60 | 61 | 62 | 64 | 53 | 54 | 57 |  | 60.0 |
| PEMBERTON 3 E |  | EVAP | .17 | .22 | .24 | .08 | .09 | .13 | .14 | .15 | .19 | .18 | .21 | .25 | .20 | .23 | .16 | .03 | .09 | .12 | .21 | .24 | .12 | .16 | .19 | .24 | .19 | .09 | .15 | .20 | .20 | .24 |  | 5.11 |
|  |  | WIND | 23 | 42 | 47 | 18 | 20 | 17 | 20 | 16 | 21 | 12 | 18 | 14 | 28 | 32 | 25 | 28 | 18 | 25 | 24 | 26 | 28 | 21 | 9 | 21 | 32 | 31 | 25 | 22 | 11 | 47 |  | 721 |
| SEABROOK FARMS |  | EVAP | .31 | .27 | .42 | .31 | .08 | .37 | .18 | .22 | .29 | .24 | .15 | .27 | .22 | .47 | .24 | .10 | .05 | .17 | .30 | .30 | .29 | .21 | .23 | .26 | .28 | .26 | .07 | .20 | .29 | .35 |  | 7.40 |
|  |  | MAX | 88 | 88 | 91 | 92 | 71 | 88 | 76 | 84 | 87 | 87 | 84 | 94 | 93 | 88 | 83 | 70 | 72 | 91 | 90 | 91 | 87 | 76 | 85 | 92 | 89 | 94 | 75 | 80 | 87 | 88 |  | 85.4 |
|  |  | MIN | 56 | 64 | 65 | 66 | 62 | 63 | 64 | 56 | 60 | 64 | 64 | 67 | 62 | 56 | 56 | 57 | 61 | 67 | 66 | 66 | 65 | 64 | 55 | 67 | 64 | 66 | 68 | 55 | 59 | 61 |  | 62.2 |

# CLIMATOLOGICAL DATA

NEW JERSEY
JUNE 1970
DELAYED DATA

| Station | Temperature: Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | No. of Days Max. 90° or Above | Max. 32° or Below | Min. 32° or Below | Min. 0° or Below | Precipitation: Total | Departure From Normal | Greatest Day | Date | Snow, Sleet: Total | Max. Depth on Ground | Date | No. of Days .10 or More | .50 or More | 1.00 or More |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| DECEMBER 1969 | | | | | | | | | | | | | | | | | | | | | | | |
| CHARLOTTEBURG | 34.6 | 19.4 | 27.0 | - 3.8 | 58 | 11 | 3 | 25 | 1170 | 0 | 11 | 28 | 0 | 6.36 | 2.24 | 2.04 | 11 | 19.8 | 12 | 27 | 8 | 5 | 1 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| APRIL 1970 | | | | | | | | | | | | | | | | | | | | | | | |
| LAYTON 2 | 59.0 | 32.8 | 45.9 | | 81 | 30 | 18 | 6 | 565 | 0 | 0 | 14 | 0 | 4.54 | | 1.49 | 3+ | T | 6 | 1 | 7 | 3 | 2 |
| SHILOH | 62.7 | 39.9 | 51.3 | - 1.4 | 80 | 29 | 26 | 11 | 403 | 0 | 0 | 5 | 0 | 5.14 | 2.03 | 1.62 | 14 | .0 | 0 | | 7 | 3 | 3 |

# DAILY PRECIPITATION

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DECEMBER 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BERNARDSVILLE 2 E | 6.81 | .05 | .01 | | | | | | .81 | .17 | | 1.80 | .02 | | .01 | .59 | | | | T | | | .41 | .97 | | | .84 | .57 | | | | .56 . |
| BLACKWELLS MILLS | 4.65 | .05 | | | | | | | .80 | .08 | | 1.42 | .01 | | | .23 | | | | .01 | | | .80 | .01 | | | .66 | | | | | .58 . |
| BRANCHVILLE | 4.50 | .03 | .05 | | | | | | .70 | .05 | | 1.37 | | | T | .37 | | | | .03 | | | * | .50 | T | | .80 | .27 | | | T | .33 . |
| CANISTEAR RESERVOIR | 6.17 | .08 | .19 | | | | | | .71 | .04 | | 1.69 | | | T | .40 | | | | .04 | | | .47 | .81 | .02 | | 1.19 | .22 | | | T | .31 . |
| CHARLOTTEBURG | 6.36 | .03 | .03 | | | | | | .79 | .21 | | 2.04 | | | T | .51 | | | | .03 | | | .41 | .98 | .01 | | .90 | .42 | | | T | . |
| GREENWOOD LAKE | 8.27 | .05 | .23 | | | | | | .65 | .33 | | 2.37 | .05 | | T | .45 | | | | .10 | | | .35 | 1.38 | .03 | | .90 | .80 | .10 | | | .48 . |
| OAK RIDGE RESERVOIR | 6.67 | .08 | .26 | | | | | | .74 | .14 | | 1.78 | | | .03 | .48 | | | | .04 | | | .64 | 1.06 | .04 | | 1.04 | .28 | | | T | .06 . |
| WERTSVILLE | 6.20 | .04 | T | | T | | | | .86 | T | | 2.12 | T | | .06 | .14 | | | | T | | | .56 | .66 | T | | .86 | .08 | | | .01 | .81 . |
| WEST WHARTON | 6.87 | .13 | .05 | | | | | | .73 | .15 | | 2.41 | .01 | | T | .46 | | | | .03 | T | | .48 | 1.09 | .02 | | .75 | .21 | | | T | .35 . |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APRIL 1970 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAYTON 2 | 4.54 | .11 | 1.49 | 1.49 | | | | | | T | | T | | | | .01 | | | .05 | | .58 | .15 | .06 | T | .25 | .35 | T | | | | | . |
| SHILOH | 5.14 | | 1.33 | | | .05 | | | | .17 | | | | | 1.62 | .48 | | | | | 1.05 | .01 | | .17 | .19 | | | .07 | | | | . |

See Reference Notes Following Station Index

## DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DECEMBER 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHARLOTTEBURG | MAX | 36 | 38 | 33 | 41 | 28 | 32 | 38 | 37 | 40 | 43 | 58 | 55 | 45 | 37 | 33 | 33 | 27 | 28 | 35 | 35 | 29 | 33 | 32 | 20 | 21 | 25 | 29 | 26 | 33 | 38 | 34 | 34.6 |
| | MIN | 27 | 17 | 17 | 18 | 17 | 21 | 15 | 17 | 35 | 31 | 33 | 37 | 27 | 22 | 26 | 21 | 17 | 11 | 13 | 24 | 12 | 12 | 10 | 10 | 3 | 4 | 18 | 18 | 21 | 21 | 25 | 19.4 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APRIL 1970 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAYTON 2 | MAX | 40 | 43 | 49 | 49 | 50 | 50 | 49 | 56 | 69 | 76 | 49 | 45 | 55 | 61 | 52 | 67 | 69 | 68 | 69 | 57 | 41 | 45 | 62 | 50 | 68 | 69 | 77 | 74 | 79 | 81 | | 59.0 |
| | MIN | 21 | 25 | 33 | 26 | 28 | 18 | 28 | 24 | 36 | 27 | 24 | 21 | 22 | 30 | 38 | 27 | 39 | 37 | 28 | 38 | 38 | 40 | 38 | 43 | 35 | 40 | 44 | 45 | 45 | 45 | | 32.8 |
| SHILOH | MAX | 53 | 62 | 61 | 56 | 52 | 51 | 57 | 63 | 77 | 63 | 57 | 60 | 58 | 52 | 51 | 68 | 61 | 64 | 64 | 49 | 59 | 69 | 65 | 64 | 72 | 69 | 72 | 72 | 80 | 79 | | 62.7 |
| | MIN | 29 | 39 | 39 | 38 | 30 | 28 | 36 | 35 | 41 | 42 | 26 | 30 | 34 | 40 | 37 | 38 | 40 | 41 | 37 | 40 | 43 | 38 | 48 | 47 | 47 | 50 | 53 | 53 | 49 | 49 | | 39.9 |

## SNOWFALL AND SNOW ON GROUND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DECEMBER 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHARLOTTEBURG | SNOWFALL | .5 | 1.0 | | | | | | | | | | | | .3 | 5.0 | | | | 1.0 | | | | 2.0 | | | 8.0 | 2.0 | | | | |
| | SN ON GND | T | T | | | | | | | | | | | | T | 2 | 2 | 1 | | T | T | T | T | 2 | 2 | 2 | 10 | 12 | 11 | 10 | 10 | 10 |

## CORRECTIONS

| DATE | TABLE | DIVISION | STATION | CORRECTION |
|---|---|---|---|---|
| FEBRUARY 1970 | CLIMATOLOGICAL DATA | SOUTHERN 02 | INDIAN MILLS 2 W | AVERAGE MAXIMUM TEMPERATURE 44.1; AVERAGE MINIMUM 22.8; AVERAGE 33.5; DEPARTURE FROM NORMAL -.3; DEGREE DAYS 877 |
| FEBRUARY 1970 | DAILY PRECIPITATION | SOUTHERN 02 | INDIAN MILLS 2 W | TOTAL PRECIPITATION 2.91; AMOUNT ON 9TH T |
| FEBRUARY 1970 | DAILY TEMPERATURE | SOUTHERN 02 | INDIAN MILLS 2 W | MAXIMUM TEMPERATURE ON 9TH 43, AVERAGE MAXIMUM 44.1; MINIMUM ON 9TH 32, AVERAGE MINIMUM 22.8 |
| FEBRUARY 1970 | SNOWFALL & SNOW ON GROUND | SOUTHERN 02 | INDIAN MILLS 2 W | SNOWFALL ON 9TH 0; SNOW ON GROUND ON 9TH 0 |
| APRIL 1970 | DAILY PRECIPITATION | NORTHERN 01 | RAHWAY | TOTAL PRECIPITATION 3.19; AMOUNT ON 1ST .05, 20 1.63, 20TH .75, 21ST 0 |

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY R | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F DROPPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 104 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A | | | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A | | | ROBERT WELSH |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, 111 |
| NEWARK WB AIRPORT R | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | C GH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A | | H | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING.

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

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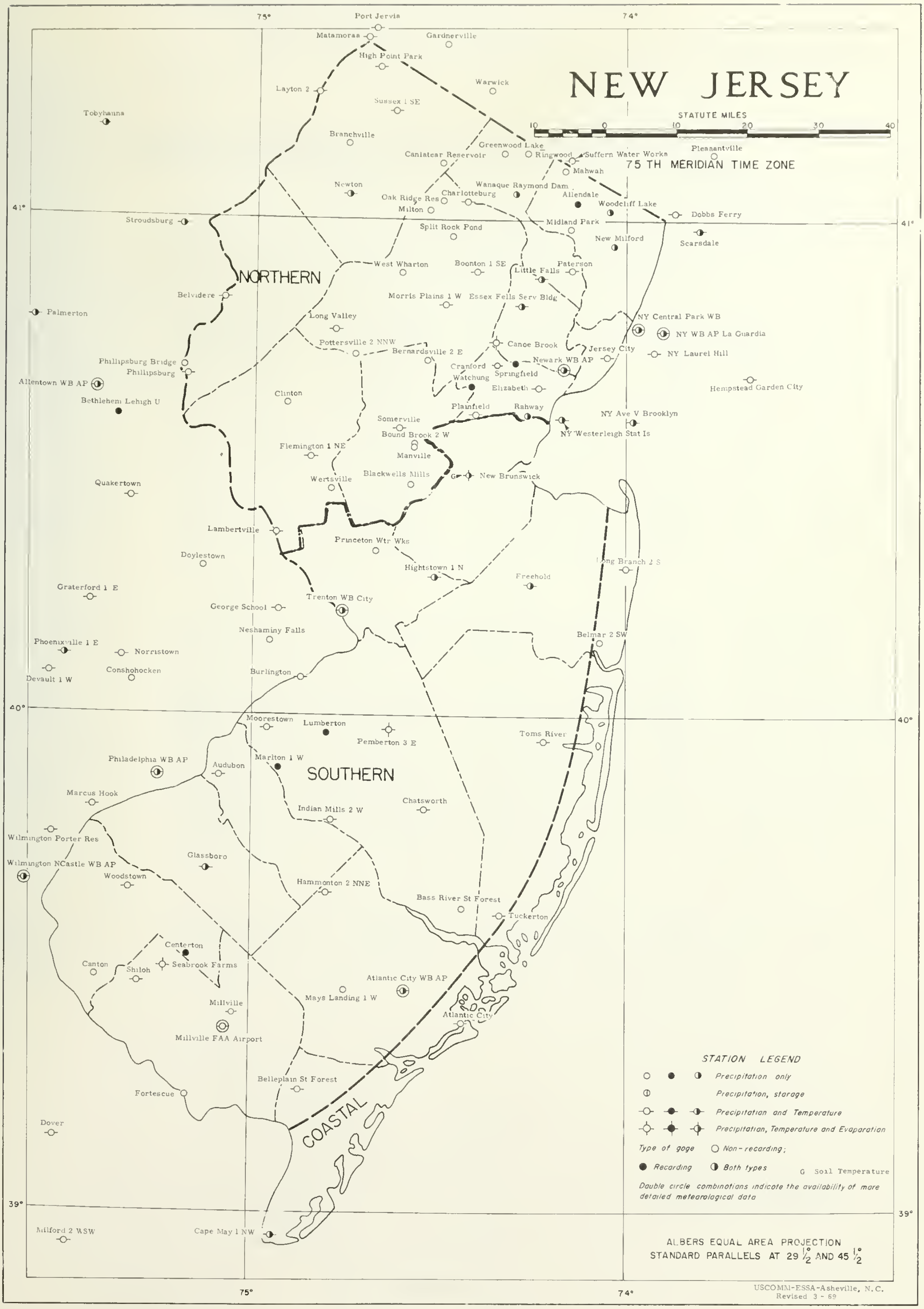
Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-7/31/70-920



USCOMM-ESSA-Asheville, N.C.
Revised 3 - 69

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
JULY 1970
Volume 75 No. 7

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 82.6 | 60.6 | 71.6 | - 3.5 | 89 | 29+ | 52 | 7 | 0 | 0 | 0 | 0 | 0 | 3.31 | - 1.99 | .88 | 11 | .0 | 0 | | 7 | 3 | 0 |
| BOONTON 1 SE | 84.1 | 62.4 | 73.3 | .5 | 94 | 28 | 55 | 22 | 0 | 6 | 0 | 0 | 0 | 2.83 | - 1.41 | 1.18 | 30 | .0 | 0 | | 7 | 2 | 1 |
| CANOE BROOK | 84.7 | 62.1 | 73.4 | .4 | 94 | 29 | 51 | 13+ | 0 | 6 | 0 | 0 | 0 | 2.37 | - 2.18 | 1.16 | 31 | .0 | 0 | | 5 | 2 | 1 |
| CHARLOTTEBURG | 81.5 | 59.9 | 70.7 | - .2 | 90 | 29+ | 51 | 7 | 2 | 2 | 0 | 0 | 0 | 3.69 | - 1.04 | 1.73 | 30 | .0 | 0 | | 6 | 2 | 1 |
| CRANFORD | 86.3 | 64.8 | 75.6 | | 94 | 28 | 55 | 13+ | 0 | 7 | 0 | 0 | 0 | 6.31 | | 3.70 | 31 | .0 | 0 | | 5 | 2 | 2 |
| ESSEX FELLS SERV BLDG | 84.4 | 62.5 | 73.5 | | 93 | 29 | 52 | 21 | 0 | 5 | 0 | 0 | 0 | 3.65 | | 1.63 | 31 | .0 | 0 | | 7 | 3 | 1 |
| FLEMINGTON 1 NE | 85.9 | 61.8 | 73.9 | - 1.5 | 95 | 29 | 51 | 7 | 0 | 8 | 0 | 0 | 0 | 5.48 | .96 | 3.50 | 30 | .0 | 0 | | 6 | 2 | 1 |
| HIGH POINT PARK | M | M | M | | 88 | 28 | | | | 0 | 0 | 0 | 0 | 1.40 | | .60 | 31 | .0 | 0 | | 6 | 1 | 0 |
| JERSEY CITY | 82.3 | 69.0 | 75.7 | .4 | 90 | 29 | 64 | 13+ | 0 | 1 | 0 | 0 | 0 | 2.67 | - 1.50 | 1.08 | 29 | .0 | 0 | | 3 | 2 | 2 |
| LAMBERTVILLE | 86.9 | 64.9 | 75.9 | 1.1 | 93 | 29+ | 55 | 13+ | 0 | 8 | 0 | 0 | 0 | 4.23 | - .28 | 1.24 | 10 | .0 | 0 | | 7 | 3 | 1 |
| LAYTON 2 | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | 85.7 | 64.8 | 75.3 | .5 | 94 | 29 | 56 | 7 | 0 | 6 | 0 | 0 | 0 | 2.44 | - 2.10 | .86 | 11 | .0 | 0 | | 6 | 2 | 0 |
| LONG VALLEY | 81.7 | 59.3 | 70.5 | | 90 | 30+ | 50 | 13+ | 1 | 3 | 0 | 0 | 0 | 3.69 | - 1.51 | 1.32 | 31 | .0 | 0 | | 8 | 3 | 1 |
| MORRIS PLAINS 1 W | 85.2 | 61.6 | 73.4 | | 94 | 29 | 53 | 7 | 0 | 4 | 0 | 0 | 0 | 2.21 | | .54 | 30 | .0 | 0 | | 6 | 1 | 0 |
| NEWARK WB AIRPORT R | 84.9 | 69.4 | 77.2 | .9 | 93 | 28 | 63 | 6 | 0 | 5 | 0 | 0 | 0 | 3.68 | .01 | 1.05 | 29 | .0 | 0 | | 4 | 4 | 1 |
| NEWTON | 83.6 | 60.0 | 71.8 | - .4 | 92 | 29+ | 48 | 13 | 1 | 3 | 0 | 0 | 0 | 2.94 | - 1.93 | .71 | 10 | .0 | 0 | | 7 | 3 | 0 |
| PATERSON | 87.7M | 67.3M | 77.5M | 1.8 | 96 | 29 | 55 | 22 | 0 | 9 | 0 | 0 | 0 | 3.80 | - .83 | 1.42 | 11 | .0 | 0 | | 9 | 2 | 1 |
| PHILLIPSBURG | 86.0 | 62.3 | 74.2 | - .1 | 93 | 28 | 53 | 7 | 0 | 6 | 0 | 0 | 0 | 3.97 | - 1.32 | 1.34 | 21 | .0 | 0 | | 8 | 3 | 1 |
| PLAINFIELD | 86.1 | 64.8 | 75.5 | .6 | 94 | 29+ | 55 | 13+ | 0 | 7 | 0 | 0 | 0 | 4.31 | - .30 | 2.21 | 30 | .0 | 0 | | 6 | 3 | 1 |
| SOMERVILLE 3 NW | 86.2 | 61.4 | 73.8 | - .8 | 95 | 30 | 53 | 7 | 0 | 8 | 0 | 0 | 0 | 3.03 | - 1.71 | 1.51 | 30 | .0 | 0 | | 7 | 2 | 1 |
| SUSSEX 1 SE | 83.2 | 56.5 | 69.9 | - 3.0 | 92 | 30 | 46 | 13+ | 3 | 3 | 0 | 0 | 0 | 3.08 | - 1.99 | .89 | 21 | .0 | 0 | | 5 | 3 | 0 |
| DIVISION | | | 73.8 | - .2 | | | | | | | | | | 3.45 | - 1.20 | | | .0 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 81.3 | 66.0 | 73.7 | - 1.4 | 88 | 18+ | 58 | 14 | 0 | 0 | 0 | 0 | 0 | 2.83 | - .89 | 1.10 | 4 | .0 | 0 | | 6 | 3 | 1 |
| AUDUBON | 87.2 | 66.7 | 77.0 | | 93 | 28+ | 58 | 7 | 0 | 8 | 0 | 0 | 0 | 2.01 | | .68 | 25 | .0 | 0 | | 7 | 1 | 0 |
| BELLEPLAIN ST FOREST | 85.3M | 64.2M | 74.8M | | 91 | 28 | 53 | 7 | 0 | 2 | 0 | 0 | 0 | 3.57 | - 1.27 | 1.03 | 4 | .0 | 0 | | 6 | 3 | 1 |
| BURLINGTON | | | | | | | | | | | | | | | | | | | | | | | |
| CHATSWORTH | 85.5M | 63.6M | 74.6M | | 90 | 29+ | 53 | 7 | 0 | 4 | 0 | 0 | 0 | 6.67 | | 2.20 | 28 | .0 | 0 | | 8 | 7 | 2 |
| FREEHOLD | 83.8 | 63.6 | 73.7 | - 1.2 | 92 | 30+ | 54 | 7 | 0 | 3 | 0 | 0 | 0 | 2.05 | - 2.19 | .82 | 31 | .0 | 0 | | 5 | 1 | 0 |
| GLASSBORO | 85.2 | 66.5 | 75.9 | | 91 | 30+ | 56 | 7 | 0 | 4 | 0 | 0 | 0 | 5.59 | | 1.25 | 4 | .0 | 0 | | 8 | 7 | 1 |
| HAMMONTON 2 NNE | 85.8 | 64.6 | 75.2 | - .9 | 93 | 31 | 57 | 7 | 0 | 6 | 0 | 0 | 0 | 5.61 | 1.05 | 1.63 | 10 | .0 | 0 | | 10 | 3 | 2 |
| HIGHTSTOWN 1 N | 85.6 | 64.5 | 75.1 | .3 | 93 | 29+ | 55 | 13+ | 0 | 6 | 0 | 0 | 0 | 1.97 | - 2.49 | .95 | 31 | .0 | 0 | | 5 | 1 | 0 |
| INDIAN MILLS 2 W | 84.9 | 63.8 | 74.4 | - .3 | 92 | 27 | 52 | 7 | 0 | 4 | 0 | 0 | 0 | 3.19 | - 1.08 | 1.03 | 10 | .0 | 0 | | 7 | 3 | 1 |
| MILLVILLE FAA AIRPORT | 83.5 | 66.6 | 75.1 | | 91 | 28 | 57 | 7 | 0 | 2 | 0 | 0 | 0 | 3.95 | | 1.32 | 10 | .0 | 0 | | 6 | 4 | 1 |
| MOORESTOWN | 85.4M | 64.2 | 74.8M | - .3 | 91 | 29 | 53 | 7 | 0 | 5 | 0 | 0 | 0 | 5.32 | 1.15 | 3.95 | 30 | .0 | 0 | | 6 | 1 | 1 |
| NEW BRUNSWICK | 84.2 | 65.4 | 74.8 | - .2 | 92 | 30 | 59 | 14+ | 0 | 3 | 0 | 0 | 0 | 3.48 | - 1.05 | 1.64 | 30 | .0 | 0 | | 4 | 2 | 2 |
| PEMBERTON 3 E | 85.9 | 63.6 | 74.8 | - .7 | 93 | 28+ | 53 | 7 | 0 | 6 | 0 | 0 | 0 | 3.33 | - 1.32 | 1.87 | 26 | .0 | 0 | | 3 | 2 | 1 |
| SEABROOK FARMS | 84.9 | 66.5 | 75.7 | | 92 | 29 | 57 | 7 | 0 | 4 | 0 | 0 | 0 | 2.17 | | .68 | 16 | .0 | 0 | | 6 | 1 | 0 |
| SHILOH | 84.7 | 66.3 | 75.5 | - .9 | 90 | 28+ | 60 | 7+ | 0 | 3 | 0 | 0 | 0 | 2.19 | - 2.10 | .74 | 16 | .0 | 0 | | 5 | 1 | 0 |
| TOMS RIVER | 84.0 | 64.1 | 74.1 | | 90 | 30+ | 54 | 13 | 0 | 4 | 0 | 0 | 0 | 2.79 | | .70 | 5 | .0 | 0 | | 7 | 3 | 0 |
| TRENTON WB CITY R | 84.4 | 68.3 | 76.4 | .4 | 93 | 28 | 63 | 7 | 0 | 4 | 0 | 0 | 0 | 1.67 | - 2.51 | .80 | 31 | .0 | 0 | | 4 | 1 | 0 |
| TUCKERTON | 81.6 | 65.1 | 73.4 | | 89 | 29 | 56 | 14 | 0 | 0 | 0 | 0 | 0 | 1.76 | | .61 | 10 | .0 | 0 | | 5 | 2 | 0 |
| WOODSTOWN | | | | | | | | | | | | | | | | | | | | | | | |
| DIVISION | | | 74.9 | - .5 | | | | | | | | | | 3.34 | - 1.03 | | | .0 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 77.5 | 67.5 | 72.5 | - 1.7 | 85 | 16 | 62 | 13 | 0 | 0 | 0 | 0 | 0 | 3.72 | - .14 | 1.10 | 30 | | | | 5 | 3 | 2 |
| CAPE MAY 1 NW | 80.0 | 65.6 | 72.8 | | 88 | 17 | 61 | 22+ | 0 | 0 | 0 | 0 | 0 | 1.56 | | .38 | 5 | .0 | 0 | | 5 | 0 | 0 |
| LONG BRANCH 2 S | 81.8 | 66.1 | 74.0 | - .4 | 89 | 18 | 57 | 13 | 0 | 0 | 0 | 0 | 0 | 2.16 | - 2.09 | .69 | 4 | .0 | 0 | | 5 | 1 | 0 |
| SANDY HOOK | 81.1M | 67.8M | 74.5M | | 88 | 29 | 64 | 14+ | 0 | 0 | 0 | 0 | 0 | .54 | | .22 | 10 | .0 | 0 | | 3 | 0 | 0 |
| DIVISION | | | 73.5 | - 1.1 | | | | | | | | | | 2.00 | - 1.88 | | | .0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>PATERSON | 96 | DATE | 29 |
| LOWEST TEMPERATURE<br>SUSSEX 1 SE | 46 | DATE | 13+ |
| GREATEST TOTAL PRECIPITATION<br>CHATSWORTH | 6.67 | | |
| LEAST TOTAL PRECIPITATION<br>SANDY HOOK | .54 | | |
| GREATEST 1 DAY PRECIPITATION<br>MOORESTOWN | 3.95 | DATE | 30 |

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AT URBANA-CHAMPAIGN

See Reference Notes Following Station Index

# DAILY PRECIPITATION

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 3.31 | | .32 | T | .22 | T | | | | | .22 | .88 | | | | T | .58 | | | | | .20 | T | T | | | .06 | | | .03 | T | .80 | . |
| BERNARDSVILLE 2 E | 2.97 | | .06 | .06 | .01 | .05 | | | | | .05 | .29 | .09 | | | | | .12 | | | | .16 | | | | | | | | | 1.88 | .20 | . |
| BLACKWELLS MILLS | 4.36 | | .13 | .01 | | | | | | | .05 | .30 | | | | | | | | | | .02 | | | | | .46 | .02 | | | 3.28 | .09 | . |
| BOONTON 1 SE | 2.83 | | .16 | .05 | T | | | | | | .16 | .44 | .03 | | | T | .50 | | T | | | | T | | | | .10 | T | | | 1.18 | .21 | . |
| BOUND BROOK 2 W | 4.79 | | .05 | | T | .37 | | | | | .21 | .85 | | | | | T | | | | | .06 | | | | | .19 | | | | 1.79 | 1.27 | . |
| BRANCHVILLE | 3.41 | | .17 | .06 | .02 | .05 | | | | | .90 | .47 | | | | .04 | .68 | T | | | | .71 | | | | | T | | | | | .31 | . |
| CANISTEAR RESERVOIR | 1.57 | | .28 | .10 | .08 | | | | | | .35 | .22 | | | | .03 | .28 | | | | | .18 | | | .04 | | | | | | | .01 | . |
| CANOE BROOK | 2.37 | | .16 | T | .03 | .04 | | | | | .11 | .59 | .14 | | | | T | .06 | | | | .04 | T | | | | | | | | .04 | 1.16 | . |
| CHARLOTTEBURG | 3.69 | | .33 | .09 | .03 | .22 | | | | | .01 | .48 | .01 | | | .01 | .59 | | | | | .16 | T | | | | T | | | | 1.73 | .03 | . |
| CLINTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| CRANFORD | 6.31 | | .05 | | .01 | .08 | | | | | .35 | .03 | .04 | | | T | T | | | T | | .01 | | | | .33 | T | .03 | | .33 | 1.35 | 3.70 | . |
| ESSEX FELLS SERV BLDG | 3.65 | .13 | | T | | .03 | | | | | .12 | .73 | .01 | | | | .10 | .08 | | | | .01 | | | | | .70 | .11 | | | T | 1.63 | . |
| FLEMINGTON 1 NE | 5.48 | | .18 | .04 | .05 | .04 | | | | | .25 | .36 | | | | | .05 | | | | | .35 | T | | .02 | | .06 | T | | | 3.50 | .58 | . |
| GREENWOOD LAKE | 4.70 | .05 | .14 | .08 | .22 | .04 | | | | | .02 | 1.40 | | | | .03 | .38 | | | | | .27 | .02 | | | | | | | | 1.96 | .09 | . |
| HIGH POINT PARK | 1.40 | | .10 | | T | .10 | | | | | | .30 | | | | | .20 | | | | | .10 | | | | | T | | | | T | .60 | . |
| JERSEY CITY | 2.67 | | .06 | | | | | | | | 1.04 | .03 | | | T | T | T | | | | | | | | | | | | | 1.08 | .03 | .43 | . |
| LAMBERTVILLE | 4.23 | | .48 | | .02 | .13 | | | | | 1.24 | | T | | | | .09 | | | | | .80 | | | .03 | .05 | T | | | .24 | .46 | .69 | . |
| LAYTON 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| LITTLE FALLS | 2.44 | | .19 | T | T | .02 | | | | | .08 | .86 | | | | T | .39 | | | | | T | | | | | .59 | | | .11 | .01 | .19 | . |
| LONG VALLEY | 3.69 | | | | .13 | .05 | | | | | .30 | .28 | .60 | | | | .16 | | | | | .65 | | | | | .15 | | | | .05 | 1.32 | . |
| MAHWAH | 1.96 | | .10 | .06 | .02 | .01 | | | | | T | .94 | .01 | | | .01 | .33 | | | | | .01 | | | | | | | | | .13 | .34 | . |
| MIDLAND PARK | 4.30 | | .22 | | .13 | | | | | | 2.17 | .13 | | | | .01 | .44 | | | | .01 | | | | | .09 | | | | .02 | .14 | .94 | . |
| MILTON | 3.20 | | .25 | .04 | .07 | .17 | | | | | .29 | .20 | .04 | | | .04 | .87 | | | | | .90 | | | | | | | | | .18 | .15 | . |
| MORRIS PLAINS 1 W | 2.21 | | .08 | .03 | .04 | .02 | | | | | .25 | .48 | .10 | | | | .35 | | | | | .09 | | | | | .16 | | | | .54 | .07 | . |
| NEWARK WB AIRPORT R | 3.68 | T | .08 | T | T | | | | | | .82 | .01 | | | | | .05 | | | | .01 | | T | T | | .04 | | | | 1.05 | .63 | .99 | . |
| NEW MILFORD | 2.50 | | .22 | | | | | | | | .75 | .09 | | | | | .51 | | | | | | | | | .23 | | | | .05 | .08 | .57 | . |
| NEWTON | 2.94 | | .11 | .03 | .14 | T | | | | | .71 | .41 | | | | .02 | .63 | | | | | .70 | | | | | .05 | | | | | .14 | . |
| OAK RIDGE RESERVOIR | 3.30 | | .27 | .06 | .07 | .14 | | | | | .28 | .19 | | | | .06 | .81 | | | | | 1.04 | | | | | .03 | | | | .29 | .06 | . |
| PATERSON | 3.80 | | | .18 | .04 | .02 | | | | | .10 | 1.42 | T | | | .01 | .28 | .01 | | | | .24 | .02 | | | | .89 | T | | .12 | .35 | .12 | . |
| PHILLIPSBURG | 3.97 | | .23 | | .18 | .25 | | | | | .43 | .79 | | | | | .13 | | | | | 1.34 | | | T | | .50 | | | | .08 | .04 | . |
| PLAINFIELD | 4.31 | | .10 | | .02 | T | | | | | .26 | .05 | | | | | .02 | | | | .03 | | T | T | | .36 | | | T | .63 | 2.21 | .63 | . |
| POTTERSVILLE 2 NNW | 2.06 | | .10 | .02 | .07 | .02 | | | | | .20 | .19 | T | | | | .05 | .01 | | | | .26 | | | | | | | | | .29 | .85 | . |
| RAHWAY | 5.72 | | | | .05 | | | | | | .21 | .10 | | | | | | | | | | | | | | .16 | | | | 2.00 | 1.30 | 1.90 | . |
| RINGWOOD | 3.21 | | .10 | .04 | .03 | .03 | | | | | .10 | 1.60 | | | | T | .45 | | | | | .10 | | | | | | | | | .14 | .62 | . |
| SOMERVILLE 3 NW | 3.03 | | .10 | | | .15 | | | | | .02 | .60 | | | | | T | .01 | | | | .28 | T | | | | .26 | | | | 1.51 | .10 | . |
| SPLIT ROCK POND | 4.37 | | .13 | .10 | .06 | | | | | | .10 | .48 | .05 | | | .06 | .80 | | | | | .17 | | | | | .08 | | | | 2.00 | .34 | . |
| SUSSEX 1 SE | 3.08 | | .22 | .05 | .04 | .04 | | | | | .54 | .27 | .04 | | | .07 | .84 | .01 | | | | .89 | T | | | | | | | | .07 | T | . |
| WANAQUE RAYMOND DAM | 3.02 | | .26 | .05 | .02 | T | | | | | .10 | .85 | | | | .03 | .26 | | | | | .10 | | | | | .22 | | | | .10 | 1.03 | . |
| WERTSVILLE | 5.32 | | .17 | .02 | | .50 | | | | | .20 | .62 | T | | | | .01 | | | | | .39 | T | | .01 | | | .01 | | | 2.35 | 1.04 | . |
| WEST WHARTON | 2.57 | | T | .02 | .16 | T | | | | | .05 | .31 | .39 | | | .01 | 1.13 | .02 | | | | .45 | | | | | | | | | | .03 | . |
| WOODCLIFF LAKE | 2.72 | | .13 | | | | | | | | .67 | .47 | | | | | .65 | | | | | | | | | .17 | | | | .07 | | .56 | . |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 2.83 | | .05 | T | 1.10 | | | | | | .57 | .19 | | | | .12 | .14 | | | | T | T | T | T | .58 | .02 | T | | | | T | .06 | . |
| AUDUBON | 2.01 | | .10 | | T | | | | | | .38 | T | | | | | .17 | | | | .09 | | T | | .14 | .68 | .05 | | .12 | .28 | T | T | . |
| BASS RIVER ST FOREST | 5.66 | | .29 | .02 | .53 | | | | | | 1.02 | .19 | .18 | | | .03 | .35 | | | | .16 | .43 | | | * | 1.51 | .66 | | | | .29 | | . |
| BELLEPLAIN ST FOREST | 3.57 | T | .33 | | 1.03 | .72 | | | | | .99 | .15 | | | | .08 | .16 | | | | | T | .03 | T | .05 | | T | | | | .03 | | . |
| BURLINGTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| CANTON | 1.41 | | .22 | | | .12 | | | | | .25 | | | | | | .60 | | | | | | | .14 | .06 | | | | | | .02 | T | . |
| CHATSWORTH | 6.67 | | | | 1.10 | .01 | | | | | .62 | | | | | | .50 | | | | | | .05 | | .30 | .52 | .65 | | 2.20 | | .72 | | . |
| FORTESCUE | 2.63 | | | | | .96 | | | | | 1.32 | | | | | | | | | | | | | | .35 | | | | | | | | . |
| FREEHOLD | 2.05 | T | .10 | T | | .45 | | | | | .43 | .04 | | | | | .03 | | | | | .01 | | T | T | | .06 | | | | .11 | .82 | . |
| GLASSBORO | 5.59 | | .63 | | 1.25 | | | | | | .31 | | | | | | .57 | | | | .04 | | .01 | | .63 | .55 | | | | .61 | | .99 | . |
| HAMMONTON 2 NNE | 5.61 | | .23 | T | .35 | T | | | | | 1.63 | .13 | | | | | .24 | | | | | T | .03 | | .64 | .10 | .04 | .38 | | | 1.62 | .22 | . |
| HIGHTSTOWN 1 N | 1.97 | | .12 | | .04 | | | | | | .46 | | | | | | T | | | | T | | | | T | .25 | | | | .10 | .05 | .95 | . |
| INDIAN MILLS 2 W | 3.19 | | .16 | | .36 | | | | | | 1.03 | T | T | | | | .17 | | | T | T | | T | T | .09 | .60 | | .55 | | T | .15 | .08 | . |
| MAYS LANDING 1 W | 5.12 | .12 | .23 | | .81 | .15 | | | | | 1.29 | .32 | | | | .07 | .82 | .02 | | | | T | .02 | | .23 | .24 | .14 | | | | .66 | | . |
| MILLVILLE FAA AIRPORT | 3.95 | | .16 | | .77 | | | | | | 1.32 | T | | | | .72 | .33 | | | | .06 | T | T | .02 | T | .55 | | | | .02 | T | | . |
| MOORESTOWN | 5.32 | | .11 | | | | .09 | | | | .29 | | | .07 | | | .13 | | | | | .08 | | | .06 | | | .16 | | .34 | 3.95 | .04 | . |
| NEW BRUNSWICK | 3.48 | | .08 | .02 | .02 | T | | | | | .19 | .04 | | | | | T | | | | T | T | T | | T | | 1.00 | .03 | | | 1.64 | .46 | . |
| PEMBERTON 3 E | 3.33 | | .04 | | .05 | | | | | | .79 | | .04 | | | | .06 | | | | | T | | | .09 | .06 | 1.87 | | | | .09 | .24 | . |
| PRINCETON WATER WORKS | 2.18 | | .16 | | .01 | | | | | | .29 | | | | | | .03 | | | .03 | .01 | | | T | | T | | | | .17 | .38 | 1.10 | . |
| SEABROOK FARMS | 2.17 | | .24 | T | | .10 | | | | | .20 | .09 | | | | T | .68 | | | | | .02 | .03 | | .17 | .07 | .09 | T | T | | .02 | .46 | . |
| SHILOH | 2.19 | | .23 | | | .35 | | | | | .44 | | | | | | .74 | | | | | .04 | .05 | | .24 | | .06 | | | T | .04 | | . |
| TOMS RIVER | 2.79 | T | .04 | | | .70 | | | | | .58 | .10 | .18 | | | | .04 | | | | | | .01 | | .02 | | .57 | .40 | | | .15 | | . |
| TRENTON WB CITY R | 1.67 | T | .25 | | .03 | | | | | | .28 | | T | | | .04 | .01 | | | | .01 | | T | T | .01 | | | T | | .05 | .19 | .80 | . |
| TUCKERTON | 1.76 | | .12 | T | .56 | .02 | | | | | .61 | .05 | | T | | | .22 | | | | | T | .03 | .11 | T | .02 | .02 | | | T | T | | . |
| WOODSTOWN | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 3.72 | | .05 | | 1.06 | | | | | | .33 | .04 | | | | | .38 | | | | | | | | .76 | | | | | | 1.10 | | . |
| CAPE MAY 1 NW | 1.56 | .10 | .29 | | | .38 | | | | | .04 | .25 | | | | | | | | | | .01 | .23 | T | .09 | .01 | | | | | .08 | .08 | . |
| LONG BRANCH 2 S | 2.16 | | .09 | | .69 | | | | | | .26 | .09 | | | | | .26 | T | | | | T | .07 | T | .01 | T | T | | | T | .37 | .32 | . |
| SANDY HOOK | .54 | | | | | | .10 | | | | .22 | | | | | | | | | | | | .21 | | | | | | | | .01 | T | . |

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1969 - 1970

NEW JERSEY

| Station | | JULY | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | | | | | .3 | 19.6 | 6.2 | 3.0 | 13.6 | 1.5 | | | 44.2 |
| | 1 IN ON GD | | | | | | 19 | 31 | 7 | 3 | 2 | | | 62 |
| BERNARDSVILLE 2 E | SNOWFALL | | | | | | - | 6.0 | 4.0 | 10.0 | /1.0 | | | - |
| | 1 IN ON GD | | | | | | - | 31 | 10 | 3 | 2 | | | - |
| BLACKWELLS MILLS | SNOWFALL | | | | | | - | 7.0 | 3.9 | 4.0 | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| BOONTON 1 SE | SNOWFALL | | | | T | T | 12.7 | 6.5 | 6.5 | 12.5 | .5 | | | 38.7 |
| | 1 IN ON GD | | | | | | - | - | 5 | 3 | 1 | | | - |
| BOUND BROOK 2 W | SNOWFALL | | | | | | - | 8.1 | 3.5 | 5.0 | | | | - |
| | 1 IN ON GD | | | | | | 2 | - | 3 | 3 | 2 | | | - |
| BRANCHVILLE | SNOWFALL | | | | | T | 23.0 | 7.0 | 2.5 | 15.5 | 3.0 | | | 51.0 |
| | 1 IN ON GD | | | | | | - | 31 | 18 | 4 | 3 | | | - |
| CANISTEAR RESERVOIR | SNOWFALL | | | | T | | 20.5 | 6.5 | - | 14.0 | 2.0 | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | - | | | - |
| CANOE BROOK | SNOWFALL | | | | | T | 9.4 | 7.1 | 4.5 | 5.5 | 2.0 | | | 28.5 |
| | 1 IN ON GD | | | | | | 17 | 29 | 7 | 3 | 2 | | | 58 |
| CHARLOTTEBURG | SNOWFALL | | | | T | | 19.8 | 6.0 | 5.0 | 13.3 | 2.0 | | | 46.1 |
| | 1 IN ON GD | | | | | | 12 | 31 | 13 | 3 | 3 | | | 62 |
| CLINTON | SNOWFALL | | | | - | - | - | - | - | - | - | | | - |
| | 1 IN ON GD | | | | - | - | - | - | - | - | - | | | - |
| CRANFORD | SNOWFALL | | | | | T | 9.2 | 8.0 | 6.4 | 5.2 | | | | 28.8 |
| | 1 IN ON GD | | | | | | 8 | 30 | 6 | 4 | | | | 48 |
| ELIZABETH | SNOWFALL | | | | | | 6.2 | 5.7 | - | - | - | | | - |
| | 1 IN ON GD | | | | | | 6 | 30 | - | - | - | | | - |
| ESSEX FELLS SERV BLDG | SNOWFALL | | | | | | 11.5 | 9.5 | 4.3 | 11.8 | T | | | 37.1 |
| | 1 IN ON GD | | | | | | 11 | 31 | 11 | - | 3 | | | - |
| FLEMINGTON 1 NE | SNOWFALL | | | | | T | - | 12.0 | 6.8 | 8.0 | | | | - |
| | 1 IN ON GD | | | | | | - | 29 | 6 | 6 | 2 | | | - |
| GREENWOOD LAKE | SNOWFALL | | | | | .2 | 30.4 | 6.8 | 8.0 | 14.8 | | | | 60.2 |
| | 1 IN ON GD | | | | | | 22 | 31 | 17 | 3 | 3 | | | 76 |
| HIGH POINT PARK | SNOWFALL | | | | T | 6.1 | 20.4 | - | - | 16.8 | 1.0 | | | - |
| | 1 IN ON GD | | | | | 5 | 23 | 31 | 22 | 11 | 5 | | | 97 |
| JERSEY CITY | SNOWFALL | | | | | | T | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | | - | - | - | | | | - |
| LAMBERTVILLE | SNOWFALL | | | | | T | 8.5 | 9.0 | 3.5 | 2.0 | T | | | 23.0 |
| | 1 IN ON GD | | | | | | 8 | 31 | 4 | 3 | | | | 46 |
| LAYTON 2 | SNOWFALL | | | | | | 26.5 | 5.5 | 3.1 | 19.5 | T | | | 54.6 |
| | 1 IN ON GD | | | | | | 18 | 31 | 28 | 5 | 2 | | | 84 |
| LITTLE FALLS | SNOWFALL | | | | | | 15.4 | 7.5 | 6.3 | 11.9 | .2 | | | 41.3 |
| | 1 IN ON GD | | | | | | 16 | 31 | 12 | 4 | 2 | | | 65 |
| LONG VALLEY | SNOWFALL | | | | | | - | 8.0 | 6.0 | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| MAHWAH | SNOWFALL | | | | | | 14.5 | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | 5 | 3 | 1 | | | - |
| MIDLAND PARK | SNOWFALL | | | | | T | 13.1 | 8.8 | 6.8 | 16.0 | T | | | 44.7 |
| | 1 IN ON GD | | | | | | | - | - | - | | | | - |
| MILTON | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| MORRIS PLAINS 1 W | SNOWFALL | | | | T | T | 17.5 | 7.5 | 5.0 | 11.5 | 1.0 | | | 42.5 |
| | 1 IN ON GD | | | | | | 21 | 29 | 9 | - | 2 | | | - |
| NEWARK WB AIRPORT | SNOWFALL | | | | | T | 8.5 | 9.1 | 5.5 | 4.3 | T | | | 27.4 |
| | 1 IN ON GD | | | | | | 6 | 29 | 8 | 2 | 1 | | | 46 |

See Reference Notes Following Station Index

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1969 - 1970

NEW JERSEY

| Station | | JULY | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW MILFORD | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| NEWTON | SNOWFALL | | | | | T | 21.1 | 6.7 | 2.8 | 19.0 | .5 | | | 50.1 |
| | 1 IN ON GD | | | | | | 20 | 31 | 7 | 4 | 2 | | | 64 |
| OAK RIDGE RESERVOIR | SNOWFALL | | | | .3 | .5 | 20.6 | 7.0 | 7.0 | - | 1.5 | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| PATERSON | SNOWFALL | | | | | T | 11.9 | 10.3 | 6.6 | 12.8 | .3 | | | 41.9 |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| PHILLIPSBURG | SNOWFALL | | | | | | 12.0 | 11.0 | 3.0 | 8.0 | | | | 34.0 |
| | 1 IN ON GD | | | | | | 9 | 31 | 4 | 2 | | | | 46 |
| PHILLIPSBURG BRIDGE | SNOWFALL | | | | - | - | - | - | - | - | - | | | - |
| | 1 IN ON GD | | | | - | - | - | - | - | - | - | | | - |
| PLAINFIELD | SNOWFALL | | | | | .6 | 11.9 | 9.8 | 5.0 | 6.0 | | | | 33.3 |
| | 1 IN ON GD | | | | | | 7 | 31 | 8 | 5 | | | | 51 |
| POTTERSVILLE 2 NNW | SNOWFALL | | | | | | - | 6.4 | 3.4 | 10.8 | | | | - |
| | 1 IN ON GD | | | | | | - | 31 | 15 | 3 | 2 | | | - |
| RAHWAY | SNOWFALL | | | | | .2 | 9.4 | 6.4 | 4.7 | 3.2 | | | | 23.9 |
| | 1 IN ON GD | | | | | | 9 | 25 | 7 | 3 | | | | 44 |
| RINGWOOD | SNOWFALL | | | | | | - | 5.5 | 1.5 | 14.0 | | | | - |
| | 1 IN ON GD | | | | | | - | 28 | 2 | 2 | 3 | | | - |
| SOMERVILLE 3 NW | SNOWFALL | | | | | .2 | - | - | - | 6.5 | 1.0 | | | - |
| | 1 IN ON GD | | | | | | - | - | - | 3 | 2 | | | - |
| SPLIT ROCK POND | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| SUSSEX 1 SE | SNOWFALL | | | | T | | 22.0 | - | 4.0 | 7.4 | 1.0 | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| WANAQUE RAYMOND DAM | SNOWFALL | | | | | | 12.5 | 5.5 | 6.5 | 14.8 | 1.0 | | | 40.3 |
| | 1 IN ON GD | | | | | | 17 | - | 4 | 3 | 3 | | | - |
| WERTSVILLE | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| WEST WHARTON | SNOWFALL | | | | | | 21.4 | 6.3 | - | 11.5 | 3.0 | | | - |
| | 1 IN ON GD | | | | | | 19 | 31 | 11 | 3 | 1 | | | 65 |
| WOODCLIFF LAKE | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| * * * | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | SNOWFALL | | | | | T | .6 | 10.3 | 5.9 | T | | | | 16.8 |
| | 1 IN ON GD | | | | | | | 16 | 3 | | | | | 19 |
| AUDUBON | SNOWFALL | | | | | T | 11.0 | 12.0 | 3.0 | 1.0 | | | | 27.0 |
| | 1 IN ON GD | | | | | | 7 | 24 | 3 | 1 | | | | 35 |
| BASS RIVER ST FOREST | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| BELLEPLAIN ST FOREST | SNOWFALL | | | | | | T | 8.5 | 2.5 | - | | | | - |
| | 1 IN ON GD | | | | | | | 15 | 2 | - | | | | - |
| BURLINGTON | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| CANTON | SNOWFALL | | | | T | | - | 7.0 | 2.0 | T | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | | | | | - |
| CHATSWORTH | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| FORTESCUE | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| FREEHOLD | SNOWFALL | | | | | | 4.2 | 10.9 | 5.0 | 2.0 | T | | | 22.1 |
| | 1 IN ON GD | | | | | | 8 | 23 | 5 | 1 | | | | 37 |

See Reference Notes Following Station Index

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1969 - 1970

NEW JERSEY

| Station | | JULY | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GLASSBORO | SNOWFALL | | | | | | - | - | - | .2 | | | | - |
| | 1 IN ON GO | | | | | | - | - | - | | | | | - |
| HAMMONTON 2 NNE | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GO | | | | | | - | - | - | - | | | | - |
| HIGHTSTOWN 1 N | SNOWFALL | | | | | T | 10.1 | 10.7 | 4.3 | 4.2 | T | | | 29.3 |
| | 1 IN ON GO | | | | | | 6 | 28 | 6 | 2 | | | | 42 |
| INOIAN MILLS 2 W | SNOWFALL | | | | | T | 3.5 | 10.2 | 3.5 | .3 | | | | 17.5 |
| | 1 IN ON GO | | | | | | 1 | 14 | 2 | | | | | 17 |
| MAYS LANDING 1 W | SNOWFALL | | | | | | - | 7.3 | 4.6 | - | | | | - |
| | 1 IN ON GO | | | | | | - | 16 | 4 | - | | | | - |
| MILLVILLE | SNOWFALL | | | | | | - | - | 3.5 | - | - | | | - |
| | 1 IN ON GO | | | | | | - | - | - | - | - | | | - |
| MILLVILLE FAA AIRPORT | SNOWFALL | | | | | T | T | 6.0 | 1.0 | T | | | | 7.0 |
| | 1 IN ON GO | | | | | | | 16 | 1 | | | | | 17 |
| MOORESTOWN | SNOWFALL | | | | | T | - | - | - | - | T | | | - |
| | 1 IN ON GD | | | | | | - | - | - | | | | | - |
| NEW BRUNSWICK | SNOWFALL | | | | | T | 9.0 | 8.8 | 4.8 | 5.8 | T | | | 28.4 |
| | 1 IN ON GO | | | | | | 7 | 29 | 7 | 3 | 1 | | | 47 |
| PEMBERTON 3 E | SNOWFALL | | | | | T | 4.4 | 10.7 | 3.0 | 1.1 | | | | 19.2 |
| | 1 IN ON GO | | | | | | 2 | 15 | 3 | | | | | 20 |
| PRINCETON WATER WORKS | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GO | | | | | | - | - | - | - | | | | - |
| SEABROOK FARMS | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GO | | | | | | - | - | - | - | | | | - |
| SHILOH | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GO | | | | | | - | - | - | - | | | | - |
| TOMS RIVER | SNOWFALL | | | | | | - | 11.0 | 3.0 | .5 | | | | - |
| | 1 IN ON GO | | | | | | - | - | - | | | | | - |
| TRENTON WB CITY | SNOWFALL | | | | | .2 | 10.8 | 8.8 | 4.4 | 2.4 | T | | | 26.6 |
| | 1 IN ON GO | | | | | | 6 | 26 | 4 | 1 | | | | 37 |
| TUCKERTON | SNOWFALL | | | | | T | .9 | 10.1 | 5.2 | .1 | T | | | 16.3 |
| | 1 IN ON GO | | | | | | | 17 | 4 | | | | | 21 |
| WOODSTOWN | SNOWFALL | | | | | T | 4.1 | 4.5 | 2.0 | - | | | | - |
| | 1 IN ON GD | | | | | | 3 | 12 | - | | | | | - |
| * * * | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | |
| ATLANTIC CITY | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 1 IN ON GO | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CAPE MAY 1 NW | SNOWFALL | | | | | | T | - | - | - | | | | - |
| | 1 IN ON GO | | | | | | | - | - | - | | | | - |
| LONG BRANCH 2 S | SNOWFALL | | | | | T | 1.7 | 12.5 | 5.3 | 2.5 | | | | 22.0 |
| | 1 IN ON GO | | | | | | 1 | 19 | 6 | 1 | | | | 27 |
| SANDY HOOK | SNOWFALL | | | | | | - | - | - | 2.0 | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | 2 | | | | - |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 86 | 85 | 78 | 78 | 86 | 76 | 83 | 83 | 84 | 83 | 77 | 80 | 82 | 84 | 76 | 82 | 83 | 83 | 87 | 86 | 86 | 76 | 75 | 77 | 85 | 85 | 86 | 89 | 89 | 88 | 83 | 82.6 |
| | MIN | 62 | 65 | 65 | 66 | 59 | 59 | 52 | 53 | 59 | 64 | 65 | 62 | 55 | 54 | 59 | 66 | 56 | 58 | 56 | 59 | 56 | 56 | 58 | 60 | 65 | 66 | 63 | 63 | 66 | 64 | 68 | 60.6 |
| BOONTON 1 SE | MAX | 88 | 85 | 71 | 77 | 86 | 78 | 84 | 84 | 87 | 84 | 81 | 82 | 84 | 81 | 77 | 80 | 84 | 85 | 86 | 85 | 84 | 77 | 78 | 84 | 92 | 91 | 90 | 94 | 91 | 91 | 86 | 84.1 |
| | MIN | 69 | 66 | 60 | 67 | 69 | 58 | 56 | 57 | 65 | 70 | 67 | 64 | 56 | 57 | 65 | 65 | 63 | 60 | 62 | 57 | 62 | 55 | 61 | 61 | 62 | 66 | 61 | 66 | 70 | 58 | 60 | 62.4 |
| CANOE BROOK | MAX | 88 | 88 | 72 | 79 | 87 | 80 | 85 | 88 | 88 | 75 | 80 | 85 | 85 | 81 | 77 | 80 | 85 | 85 | 90 | 84 | 85 | 81 | 80 | 84 | 90 | 92 | 87 | 92 | 94 | 93 | 87 | 84.7 |
| | MIN | 62 | 64 | 64 | 66 | 60 | 56 | 51 | 58 | 57 | 65 | 66 | 70 | 51 | 57 | 63 | 66 | 61 | 59 | 60 | 66 | 59 | 53 | 60 | 62 | 68 | 70 | 65 | 66 | 70 | 65 | 65 | 62.1 |
| CHARLOTTEBURG | MAX | 85 | 84 | 68 | 74 | 84 | 76 | 82 | 83 | 82 | 81 | 78 | 81 | 82 | 79 | 74 | 76 | 82 | 82 | 84 | 82 | 81 | 74 | 78 | 80 | 87 | 88 | 88 | 90 | 90 | 88 | 85 | 81.5 |
| | MIN | 58 | 60 | 64 | 65 | 61 | 59 | 51 | 53 | 57 | 60 | 65 | 63 | 53 | 55 | 60 | 65 | 60 | 58 | 58 | 60 | 58 | 52 | 57 | 59 | 60 | 67 | 64 | 64 | 65 | 63 | 64 | 59.9 |
| CRANFORD | MAX | 88 | 87 | 78 | 88 | 87 | 85 | 87 | 88 | 84 | 81 | 85 | 86 | 85 | 81 | 82 | 90 | 87 | 90 | 88 | 86 | 85 | 81 | 84 | 90 | 90 | 85 | 93 | 94 | 93 | 86 | 82 | 86.3 |
| | MIN | 66 | 66 | 67 | 71 | 65 | 60 | 55 | 58 | 60 | 69 | 66 | 62 | 55 | 59 | 69 | 71 | 64 | 62 | 66 | 66 | 63 | 58 | 65 | 66 | 69 | 71 | 66 | 68 | 72 | 65 | 70 | 64.8 |
| ESSEX FELLS SERV BLDG | MAX | 87 | 85 | 70 | 78 | 87 | 78 | 84 | 87 | 87 | 82 | 80 | 85 | 85 | 81 | 77 | 80 | 87 | 84 | 89 | 84 | 84 | 80 | 80 | 85 | 90 | 90 | 85 | 92 | 93 | 92 | 87 | 84.4 |
| | MIN | 61 | 65 | 65 | 70 | 62 | 57 | 53 | 59 | 60 | 69 | 65 | 60 | 53 | 58 | 67 | 67 | 60 | 62 | 60 | 65 | 52 | 55 | 62 | 61 | 68 | 65 | 67 | 68 | 71 | 65 | 67 | 62.5 |
| FLEMINGTON 1 NE | MAX | 86 | 88 | 74 | 80 | 90 | 78 | 84 | 87 | 88 | 88 | 81 | 83 | 85 | 85 | 79 | 83 | 89 | 86 | 85 | 90 | 89 | 80 | 81 | 83 | 90 | 94 | 90 | 94 | 95 | 94 | 85 | 85.9 |
| | MIN | 62 | 67 | 67 | 67 | 64 | 58 | 51 | 54 | 58 | 63 | 67 | 63 | 52 | 52 | 59 | 67 | 62 | 58 | 60 | 62 | 60 | 56 | 59 | 65 | 67 | 67 | 68 | 65 | 69 | 64 | 64 | 61.8 |
| HIGH POINT PARK | MAX | | | | | | | | | | | | | | | | | | | | | | 72 | 79 | 79 | 84 | 87 | 84 | 88 | 86 | 87 | 83 | |
| | MIN | 58 | 58 | 58 | 58 | 55 | 53 | 51 | 50 | | | | | | | | | | | | | | | | | 66 | 69 | 71 | 66 | 67 | 63 | 68 | |
| JERSEY CITY | MAX | 86 | 72 | 74 | 80 | 80 | 84 | 86 | 81 | 77 | 78 | 85 | 87 | 82 | 75 | 76 | 87 | 87 | 89 | 80 | 80 | 82 | 82 | 82 | 85 | 86 | 81 | 85 | 89 | 90 | 82 | 80 | 82.3 |
| | MIN | 68 | 67 | 68 | 68 | 68 | 65 | 65 | 68 | 69 | 70 | 69 | 64 | 64 | 68 | 68 | 72 | 65 | 70 | 69 | 71 | 66 | 68 | 69 | 70 | 74 | 74 | 71 | 72 | 74 | 71 | 73 | 69.0 |
| LAMBERTVILLE | MAX | 89 | 87 | 83 | 89 | 86 | 85 | 88 | 87 | 90 | 82 | 84 | 87 | 84 | 82 | 83 | 87 | 87 | 90 | 90 | 90 | 83 | 81 | 81 | 89 | 92 | 87 | 93 | 93 | 93 | 84 | 87 | 86.9 |
| | MIN | 62 | 68 | 68 | 72 | 62 | 58 | 55 | 60 | 65 | 70 | 69 | 63 | 55 | 59 | 68 | 69 | 62 | 62 | 62 | 68 | 61 | 59 | 62 | 65 | 70 | 70 | 67 | 69 | 71 | 68 | 72 | 64.9 |
| LAYTON 2 | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | MAX | 89 | 89 | 71 | 80 | 89 | 80 | 87 | 88 | 88 | 82 | 82 | 85 | 86 | 82 | 79 | 85 | 88 | 86 | 90 | 84 | 84 | 80 | 81 | 86 | 91 | 91 | 86 | 93 | 94 | 92 | 88 | 85.7 |
| | MIN | 64 | 68 | 66 | 68 | 65 | 59 | 56 | 61 | 61 | 70 | 67 | 67 | 57 | 61 | 68 | 67 | 62 | 62 | 63 | 66 | 62 | 57 | 64 | 64 | 68 | 71 | 68 | 67 | 72 | 66 | 71 | 64.8 |
| LONG VALLEY | MAX | 84 | 84 | 71 | 76 | 86 | 77 | 82 | 83 | 82 | 81 | 76 | 80 | 82 | 80 | 75 | 78 | 83 | 84 | 85 | 83 | 84 | 75 | 76 | 75 | 85 | 86 | 86 | 90 | 90 | 90 | 83 | 81.7 |
| | MIN | 60 | 61 | 63 | 64 | 60 | 57 | 50 | 54 | 55 | 66 | 66 | 59 | 50 | 55 | 62 | 62 | 56 | 55 | 59 | 62 | 55 | 53 | 59 | 59 | 61 | 64 | 62 | 62 | 65 | 63 | 60 | 59.3 |
| MORRIS PLAINS 1 W | MAX | 89 | 88 | 80 | 78 | 87 | 79 | 85 | 87 | 86 | 82 | 79 | 84 | 85 | 82 | 77 | 87 | 85 | 88 | 88 | 86 | 85 | 78 | 80 | 83 | 89 | 90 | 88 | 92 | 94 | 93 | 87 | 85.2 |
| | MIN | 59 | 66 | 66 | 66 | 62 | 56 | 53 | 56 | 56 | 65 | 66 | 62 | 55 | 56 | 61 | 62 | 60 | 62 | 62 | 63 | 60 | 59 | 62 | 59 | 63 | 68 | 63 | 65 | 68 | 63 | 65 | 61.6 |
| NEWARK WB AIRPORT | MAX | 87 | 75 | 78 | 88 | 80 | 87 | 87 | 86 | 81 | 82 | 86 | 86 | 83 | 83 | 83 | 90 | 87 | 91 | 82 | 83 | 81 | 83 | 83 | 89 | 88 | 83 | 90 | 93 | 91 | 85 | 81 | 84.9 |
| | MIN | 69 | 68 | 69 | 71 | 68 | 63 | 64 | 67 | 69 | 70 | 70 | 67 | 66 | 68 | 71 | 71 | 66 | 69 | 71 | 71 | 66 | 67 | 71 | 71 | 74 | 74 | 72 | 73 | 73 | 71 | 72 | 69.4 |
| NEWTON | MAX | 86 | 82 | 75 | 76 | 87 | 78 | 83 | 82 | 86 | 83 | 79 | 83 | 84 | 81 | 76 | 81 | 85 | 85 | 87 | 86 | 86 | 75 | 79 | 80 | 89 | 88 | 88 | 92 | 92 | 91 | 88 | 83.6 |
| | MIN | 57 | 67 | 65 | 66 | 58 | 56 | 49 | 54 | 57 | 64 | 66 | 65 | 48 | 56 | 61 | 66 | 58 | 58 | 56 | 58 | 57 | 53 | 56 | 61 | 65 | 65 | 61 | 63 | 66 | 63 | 64 | 60.0 |
| PATERSON | MAX | | | | 84 | 87 | 85 | 87 | 91 | 90 | 85 | 84 | 88 | 88 | 84 | 81 | 79 | 90 | 88 | 92 | 85 | 87 | 87 | 82 | 88 | 92 | 92 | 87 | 95 | 96 | 93 | 88 | 87.7 |
| | MIN | | | | 65 | 67 | 63 | 61 | 65 | 64 | 72 | 69 | 66 | 60 | 65 | 69 | 69 | 65 | 66 | 68 | 69 | 65 | 55 | 67 | 68 | 72 | 73 | 70 | 72 | 75 | 69 | 75 | 67.3 |
| PHILLIPSBURG | MAX | 89 | 89 | 79 | 82 | 89 | 79 | 85 | 86 | 90 | 89 | 79 | 82 | 86 | 83 | 82 | 83 | 87 | 86 | 89 | 88 | 90 | 78 | 80 | 81 | 89 | 92 | 89 | 93 | 92 | 92 | 87 | 86.0 |
| | MIN | 62 | 67 | 66 | 67 | 63 | 60 | 53 | 57 | 60 | 66 | 67 | 67 | 54 | 58 | 56 | 67 | 60 | 58 | 62 | 62 | 59 | 56 | 60 | 63 | 66 | 68 | 63 | 65 | 67 | 65 | 67 | 62.3 |
| PLAINFIELD | MAX | 87 | 82 | 80 | 88 | 80 | 87 | 89 | 88 | 64 | 83 | 85 | 87 | 84 | 80 | 82 | 90 | 87 | 91 | 85 | 87 | 82 | 83 | 81 | 90 | 92 | 85 | 93 | 94 | 94 | 85 | 83 | 86.1 |
| | MIN | 64 | 66 | 67 | 72 | 64 | 57 | 55 | 58 | 61 | 69 | 68 | 64 | 55 | 59 | 68 | 70 | 62 | 62 | 65 | 66 | 63 | 58 | 63 | 65 | 70 | 71 | 67 | 69 | 72 | 66 | 73 | 64.8 |
| SOMERVILLE 3 NW | MAX | 89 | 88 | 72 | 81 | 90 | 80 | 85 | 87 | 88 | 87 | 83 | 84 | 86 | 83 | 81 | 83 | 89 | 87 | 91 | 83 | 90 | 80 | 82 | 82 | 91 | 94 | 86 | 94 | 94 | 95 | 86 | 86.2 |
| | MIN | 61 | 63 | 67 | 65 | 57 | 55 | 53 | 56 | 58 | 65 | 67 | 60 | 54 | 57 | 58 | 67 | 57 | 59 | 61 | 65 | 59 | 57 | 60 | 62 | 66 | 69 | 64 | 65 | 66 | 64 | 65 | 61.4 |
| SUSSEX 1 SE | MAX | 86 | 87 | 72 | 76 | 86 | 77 | 83 | 84 | 84 | 84 | 79 | 83 | 83 | 80 | 72 | 79 | 84 | 89 | 85 | 83 | 84 | 75 | 78 | 80 | 88 | 89 | 88 | 91 | 90 | 92 | 88 | 83.2 |
| | MIN | 54 | 57 | 62 | 63 | 54 | 54 | 46 | 49 | 54 | 59 | 62 | 63 | 46 | 49 | 56 | 63 | 56 | 53 | 55 | 59 | 55 | 50 | 53 | 53 | 57 | 63 | 59 | 63 | 62 | 62 | 62 | 56.5 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 81 | 74 | 79 | 88 | 76 | 81 | 84 | 86 | 80 | 78 | 83 | 84 | 80 | 78 | 80 | 85 | 81 | 88 | 83 | 83 | 73 | 78 | 78 | 79 | 82 | 81 | 83 | 85 | 87 | 81 | 82 | 81.3 |
| | MIN | 64 | 65 | 69 | 70 | 62 | 60 | 60 | 65 | 69 | 69 | 68 | 65 | 59 | 58 | 69 | 65 | 60 | 65 | 66 | 62 | 67 | 61 | 61 | 68 | 70 | 71 | 69 | 70 | 72 | 73 | 75 | 66.0 |
| AUDUBON | MAX | 88 | 78 | 88 | 91 | 80 | 86 | 89 | 88 | 89 | 83 | 88 | 87 | 86 | 82 | 86 | 89 | 88 | 91 | 92 | 91 | 82 | 83 | 83 | 87 | 93 | 87 | 93 | 93 | 90 | 83 | 88 | 87.2 |
| | MIN | 68 | 68 | 69 | 72 | 65 | 60 | 58 | 64 | 65 | 69 | 69 | 65 | 60 | 60 | 67 | 70 | 64 | 64 | 68 | 65 | 64 | 64 | 65 | 67 | 70 | 70 | 71 | 73 | 71 | 71 | 73 | 66.7 |
| BELLEPLAIN ST FOREST | MAX | 87 | 82 | 83 | 89 | 89 | 84 | 87 | 86 | 83 | 82 | 85 | 86 | 85 | 79 | 84 | 87 | 86 | 89 | 89 | | 86 | 80 | 80 | 82 | 86 | 86 | 88 | 91 | 90 | 82 | 87 | 85.3 |
| | MIN | 66 | 64 | 65 | 66 | 68 | 55 | 53 | 60 | 63 | 65 | 66 | 62 | 58 | 54 | 64 | 71 | 60 | 60 | 64 | | 63 | 64 | 60 | 67 | 72 | 71 | 66 | 65 | 69 | 71 | 74 | 64.2 |
| BURLINGTON | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHATSWORTH | MAX | 88 | 85 | 83 | 88 | 88 | 85 | 88 | 88 | 85 | 83 | | | 85 | | 84 | 87 | 85 | 89 | 90 | 83 | 80 | 78 | 78 | 85 | 88 | 86 | 90 | 90 | 90 | 81 | 85 | 85.5 |
| | MIN | 64 | 64 | 67 | 70 | 67 | 55 | 53 | 57 | 62 | 68 | | | 55 | | 55 | 69 | 59 | 58 | 67 | 64 | 65 | 63 | 60 | 65 | 68 | 68 | 64 | 69 | 63 | 70 | 72 | 63.6 |
| FREEHOLD | MAX | 87 | 85 | 71 | 81 | 86 | 77 | 84 | 86 | 87 | 84 | 81 | 83 | 85 | 81 | 80 | 81 | 86 | 84 | 88 | 83 | 85 | 79 | 79 | 78 | 87 | 89 | 84 | 90 | 92 | 92 | 84 | 83.8 |
| | MIN | 63 | 62 | 64 | 70 | 65 | 59 | 54 | 61 | 63 | 67 | 67 | 63 | 56 | 57 | 64 | 69 | 60 | 62 | 62 | 66 | 63 | 59 | 61 | 65 | 62 | 66 | 67 | 70 | 70 | 66 | 68 | 63.6 |
| GLASSBORO | MAX | 88 | 86 | 77 | 85 | 89 | 81 | 83 | 86 | 87 | 86 | 78 | 84 | 86 | 84 | 81 | 86 | 87 | 83 | 88 | 89 | 88 | 79 | 78 | 82 | 84 | 90 | 89 | 90 | 91 | 91 | 85 | 85.2 |
| | MIN | 66 | 67 | 66 | 68 | 66 | 59 | 56 | 64 | 65 | 68 | 69 | 65 | 64 | 62 | 65 | 69 | 63 | 65 | 67 | 66 | 65 | 64 | 64 | 67 | 67 | 72 | 72 | 71 | 73 | 71 | 77 | 66.5 |
| HAMMONTON 2 NNE | MAX | 89 | 87 | 76 | 86 | 89 | 79 | 85 | 89 | 88 | 86 | 80 | 86 | 87 | 81 | 81 | 86 | 88 | 85 | 91 | 88 | 87 | 79 | 78 | 81 | 83 | 90 | 87 | 91 | 92 | 92 | 93 | 85.8 |
| | MIN | 65 | 65 | 65 | 66 | 66 | 58 | 57 | 63 | 65 | 68 | 66 | 63 | 61 | 59 | 65 | 68 | 60 | 63 | 65 | 64 | 65 | 62 | 61 | 65 | 65 | 68 | 66 | 70 | 69 | 70 | 71 | 64.6 |
| HIGHTSTOWN 1 N | MAX | 87 | 81 | 82 | 88 | 79 | 85 | 88 | 87 | 85 | 82 | 85 | 86 | 83 | 81 | 82 | 89 | 85 | 91 | 87 | 89 | 80 | 82 | 79 | 90 | 92 | 85 | 91 | 93 | 93 | 82 | 86 | 85.6 |
| | MIN | 64 | 66 | 67 | 71 | 65 | 57 | 55 | 61 | 62 | 68 | 68 | 64 | 55 | 57 | 66 | 69 | 60 | 62 | 62 | 64 | 62 | 59 | 61 | 64 | 69 | 71 | 69 | 71 | 71 | 68 | 70 | 64.5 |
| INDIAN MILLS 2 W | MAX | 87 | 76 | 83 | 89 | 78 | 84 | 87 | 87 | 86 | 79 | 85 | 86 | 85 | 79 | 85 | 86 | 85 | 89 | 89 | 87 | 79 | 80 | 82 | 85 | 90 | 85 | 92 | 90 | 90 | 81 | 86 | 84.9 |
| | MIN | 62 | 66 | 68 | 70 | 66 | 55 | 52 | 59 | 62 | 68 | 66 | 62 | 55 | 55 | 65 | 69 | 57 | 59 | 62 | 65 | 65 | 62 | 59 | 66 | 68 | 68 | 65 | 70 | 69 | 70 | 72 | 63.8 |
| MILLVILLE FAA AIPPORT | MAX | 85 | 76 | 83 | 90 | 78 | 83 | 86 | 84 | 83 | 77 | 86 | 83 | 82 | 81 | 84 | 86 | 83 | 88 | 88 | 86 | 76 | 79 | 78 | 80 | 86 | 86 | 87 | 91 | 88 | 80 | 86 | 83.5 |
| | MIN | 65 | 67 | 67 | 70 | 63 | 60 | 57 | 65 | 69 | 69 | 69 | 65 | 62 | 60 | 67 | 68 | 62 | 63 | 67 | 66 | 66 | 64 | 63 | 69 | 70 | 72 | 70 | 70 | 73 | 72 | 75 | 66.6 |
| MOORESTOWN | MAX | 88 | 86 | 76 | 82 | 88 | 82 | 86 | 87 | 87 | 85 | 82 | 84 | 85 | 84 | 81 | 85 | 88 | 86 | 90 | 90 | | 80 | 81 | 81 | 89 | 90 | 89 | 90 | 91 | 83 | 85 | 85.4 |
| | MIN | 63 | 66 | 67 | 70 | 66 | 58 | 53 | 62 | 62 | 68 | 66 | 63 | 54 | 56 | 64 | 64 | 61 | 62 | 65 | 64 | 64 | 59 | 62 | 65 | 71 | 69 | 69 | 70 | 70 | 68 | 70 | 64.2 |
| NEW BRUNSWICK | MAX | 87 | 87 | 72 | 80 | 88 | 78 | 84 | 86 | 87 | 84 | 82 | 83 | 85 | 83 | 79 | 82 | 87 | 83 | 88 | 85 | 85 | 79 | 81 | 79 | 88 | 90 | 84 | 89 | 91 | 92 | 83 | 84.2 |
| | MIN | 66 | 66 | 66 | 69 | 66 | 60 | 60 | 62 | 62 | 68 | 68 | 65 | 59 | 59 | 63 | 69 | 62 | 65 | 67 | 65 | 62 | 61 | 64 | 67 | 70 | 71 | 67 | 69 | 71 | 68 | 69 | 65.4 |
| PEMBERTON 3 E | MAX | 87 | 83 | 80 | 90 | 86 | 85 | 89 | 86 | 86 | 84 | 85 | 85 | 84 | 83 | 82 | 88 | 86 | 90 | 86 | 86 | 82 | 81 | 81 | 84 | 92 | 85 | 93 | 93 | 92 | 83 | 86 | 85.9 |
| | MIN | 63 | 64 | 67 | 69 | 64 | 54 | 53 | 58 | 64 | 68 | 67 | 62 | 54 | 55 | 64 | 69 | 58 | 60 | 62 | 66 | 63 | 60 | 63 | 66 | 68 | 68 | 66 | 70 | 68 | 69 | 71 | 63.6 |

**See Reference Notes Following Station Index**

Continued

# DAILY TEMPERATURES

NEW JERSEY
JULY 1970

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEABROOK FARMS | MAX | 88 | 86 | 85 | 84 | 90 | 80 | 83 | 87 | 85 | 85 | 79 | 85 | 85 | 82 | 81 | 87 | 86 | 84 | 87 | 88 | 86 | 79 | 80 | 80 | 83 | 88 | 87 | 90 | 92 | 90 | 81 | 84.9 |
| | MIN | 66 | 67 | 67 | 71 | 67 | 59 | 57 | 66 | 67 | 69 | 69 | 64 | 59 | 62 | 66 | 69 | 61 | 64 | 65 | 66 | 65 | 64 | 63 | 67 | 70 | 73 | 67 | 72 | 73 | 73 | 73 | 66.5 |
| SHILOH | MAX | 87 | 85 | 85 | 90 | 89 | 82 | 85 | 85 | 83 | 88 | 83 | 85 | 83 | 80 | 85 | 85 | 83 | 86 | 87 | 86 | 80 | 79 | 80 | 79 | 86 | 86 | 90 | 90 | 87 | 81 | 86 | 84.7 |
| | MIN | 66 | 65 | 65 | 70 | 67 | 60 | 60 | 65 | 68 | 68 | 68 | 64 | 62 | 61 | 67 | 69 | 61 | 65 | 65 | 67 | 64 | 63 | 63 | 67 | 70 | 72 | 68 | 69 | 72 | 72 | 72 | 66.3 |
| TOMS RIVER | MAX | 89 | 85 | 73 | 82 | 90 | 79 | 85 | 81 | 85 | 82 | 81 | 86 | 86 | 83 | 80 | 83 | 87 | 85 | 90 | 82 | 84 | 80 | 81 | 81 | 83 | 87 | 81 | 87 | 90 | 90 | 85 | 84.0 |
| | MIN | 64 | 64 | 66 | 68 | 68 | 56 | 55 | 60 | 64 | 68 | 68 | 63 | 54 | 57 | 62 | 69 | 60 | 61 | 63 | 65 | 66 | 63 | 60 | 67 | 68 | 69 | 64 | 68 | 66 | 70 | 72 | 64.1 |
| TRENTON WB CITY | MAX | 86 | 74 | 81 | 88 | 78 | 84 | 87 | 86 | 86 | 80 | 83 | 86 | 82 | 79 | 83 | 87 | 84 | 88 | 86 | 87 | 78 | 80 | 79 | 85 | 91 | 85 | 92 | 93 | 91 | 82 | 84 | 84.4 |
| | MIN | 68 | 68 | 68 | 71 | 67 | 64 | 63 | 67 | 66 | 69 | 69 | 68 | 64 | 66 | 69 | 68 | 64 | 68 | 69 | 69 | 65 | 65 | 68 | 69 | 74 | 72 | 71 | 72 | 73 | 71 | 71 | 68.3 |
| TUCKERTON | MAX | 80 | 72 | 79 | 85 | 79 | 84 | 84 | 82 | 80 | 76 | 84 | 82 | 80 | 77 | 81 | 87 | 80 | 88 | 82 | 82 | 75 | 78 | 78 | 80 | 82 | 82 | 85 | 88 | 89 | 83 | 85 | 81.6 |
| | MIN | 65 | 64 | 67 | 70 | 69 | 59 | 58 | 63 | 65 | 67 | 67 | 64 | 57 | 56 | 67 | 70 | 60 | 64 | 66 | 65 | 67 | 63 | 59 | 62 | 67 | 68 | 65 | 66 | 71 | 73 | 73 | 65.1 |
| WOODSTOWN | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 80 | 71 | 76 | 78 | 77 | 83 | 82 | 76 | 75 | 73 | 76 | 80 | 79 | 75 | 75 | 85 | 77 | 84 | 76 | 76 | 72 | 76 | 75 | 74 | 77 | 77 | 79 | 83 | 80 | 77 | 79 | 77.5 |
| | MIN | 67 | 67 | 69 | 70 | 66 | 63 | 64 | 69 | 70 | 67 | 67 | 66 | 62 | 65 | 69 | 67 | 63 | 68 | 67 | 65 | 64 | 64 | 65 | 68 | 69 | 71 | 71 | 72 | 73 | 72 | 74 | 67.5 |
| CAPE MAY 1 NW | MAX | 85 | 79 | 73 | 78 | 85 | 75 | 81 | 84 | 79 | 78 | 74 | 80 | 82 | 81 | 79 | 78 | 88 | 81 | 81 | 81 | 80 | 72 | 77 | 75 | 80 | 81 | 81 | 83 | 85 | 85 | 78 | 80.0 |
| | MIN | 65 | 65 | 65 | 66 | 67 | 62 | 61 | 64 | 66 | 69 | 66 | 67 | 65 | 61 | 62 | 67 | 66 | 64 | 66 | 63 | 64 | 61 | 64 | 66 | 68 | 68 | 68 | 69 | 70 | 70 | 70 | 65.6 |
| LONG BRANCH 2 S | MAX | 84 | 79 | 76 | 80 | 79 | 82 | 84 | 84 | 78 | 79 | 83 | 84 | 81 | 77 | 79 | 86 | 84 | 89 | 84 | 82 | 78 | 77 | 77 | 83 | 83 | 81 | 85 | 86 | 87 | 83 | 83 | 81.8 |
| | MIN | 67 | 65 | 67 | 68 | 67 | 60 | 59 | 67 | 67 | 69 | 67 | 65 | 57 | 60 | 69 | 67 | 62 | 65 | 66 | 69 | 65 | 62 | 63 | 65 | 70 | 68 | 68 | 72 | 72 | 69 | 73 | 66.1 |
| SANDY HOOK | MAX | 82 | 80 | 72 | 78 | 80 | 81 | 82 | 80 | 77 | 76 | 81 | 82 | 84 | 79 | 76 | 82 | 84 | 83 | 82 | | | | 78 | 84 | 84 | 80 | 86 | 86 | 88 | 83 | 82 | 81.1 |
| | MIN | 66 | 65 | 65 | 69 | 68 | 64 | 66 | 68 | 65 | 68 | 67 | 67 | 65 | 64 | 69 | 68 | 66 | 68 | 69 | 67 | | | 68 | 69 | 71 | 68 | 69 | 71 | 74 | 70 | 71 | 67.8 |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent | | | | Number of days with precipitation | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Standard of Time EASTERN | | | | | | | | | | | | |
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | Percent of Possible sunshine | Average sky cover sunrise to sunset |
| ATLANTIC CITY WB AIRPORT | 20 | 4.9 | 9.0 | 37++ | 26 | 04 | 93 | 91 | 70 | 81 | 7 | 3 | 3 | 2 | 1 | 0 | 16 | 42 | 7.1 |
| ATLANTIC CITY ST. MARINA | - | - | - | 36 | SW | 20+ | - | - | - | - | 0 | 2 | 2 | 1 | 2 | 0 | 7 | - | - |
| NEWARK WB AIRPORT | 20 | 3.5 | 8.8 | 23++ | 29 | 16 | 74 | 74 | 56 | 61 | 5 | 5 | 0 | 3 | 1 | 0 | 14 | - | 6.8 |
| TRENTON WB CITY | - | - | - | 28 | S | 20 | - | - | - | - | 5 | 6 | 3 | 1 | 0 | 0 | 15 | 48 | 6.8 |

See Reference Notes Following Station Index

# MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1969 - 1970

NEW JERSEY

| Station | JULY | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | TOTAL | NORMALS JULY-JUNE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | |
| BELVIDERE | 15 | 10 | 127 | 426 | 706 | 1150 | 1418 | 1024 | 940 | 518 | 186 | 55 | 6575 | 5468 |
| BOONTON 1 SE | 10 | 7 | 111 | 408 | 685 | 1097 | 1373 | 1027 | 909 | 501 | 185 | 35 | 6348 | 5868 |
| CANOE BROOK | 6 | 9 | 113 | 384 | 694 | 1097 | 1378 | 1011 | 938 | 526 | 204 | 44 | 6404 | 5847 |
| CHARLOTTEBURG | 16 | 17 | 141 | 448 | | 1170 | 1422 | 1087 | 1025 | 570 | 225 | 78 | | 6083 |
| CRANFORD | 0 | 1 | 72 | 328 | 610 | 1017 | 1250 | 884 | 828 | 419 | 128 | 8 | 5545 | |
| ELIZABETH | 0 | 0 | 49 | 292 | 605 | 980 | 1223 | | | | | | | |
| ESSEX FELLS SERV BLDG | 6 | 5 | 114 | 390 | 686 | 1085 | 1340 | 985 | 927 | 505 | 201 | 37 | 6281 | |
| FLEMINGTON 1 NE | 6 | 8 | 126 | 434 | 706 | | 1418 | 1016 | 932 | 514 | 186 | 46 | | 5254 |
| HIGH POINT PARK | 52 | 14 | 150 | 474 | 855 | 1365 | 1491 | 1126 | 1037 | 579 | 228 | 77 | 7448 | |
| JERSEY CITY | 0 | 0 | 44 | 275 | 587 | 1003 | 1228 | 913 | 827 | 428 | 127 | 11 | 5443 | 5116 |
| LAMBERTVILLE | 0 | 1 | 65 | 320 | 623 | 1023 | 1277 | 896 | 846 | 438 | 109 | 10 | 5608 | 5246 |
| LAYTON 2 | 9 | 22 | | 478 | 773 | 1234 | 1520 | 1112 | 1012 | 565 | | | | |
| LITTLE FALLS | 6 | 1 | 82 | 339 | 628 | 1045 | 1295 | 922 | 875 | 463 | 168 | 22 | 5846 | 5337 |
| LONG VALLEY | 22 | 20 | 171 | 488 | 748 | | 1399 | 1019 | 996 | 562 | 229 | 78 | | |
| MORRIS PLAINS 1 W | 15 | 5 | 122 | 427 | 717 | 1121 | 1378 | 1030 | 938 | 514 | 193 | 43 | 6503 | |
| NEWARK WB AIRPORT | 0 | 0 | 49 | 284 | 575 | 984 | 1255 | 892 | 796 | 390 | 97 | 5 | 5327 | 4859 |
| NEWTON | 16 | 15 | 154 | 488 | 757 | 1191 | 1464 | 1075 | 984 | 528 | 197 | 71 | 6940 | 6163 |
| PATERSON | 4 | 0 | 62 | 293 | 606 | 1020 | 1290 | 920 | 852 | 445 | 141 | 12 | 5645 | 5203 |
| PHILLIPSBURG | 0 | 1 | 75 | 342 | 609 | 1050 | 1371 | 1000 | 908 | 479 | 148 | | | 5457 |
| PLAINFIELD | 1 | 0 | 72 | 329 | 634 | 1027 | 1277 | 918 | 858 | 444 | 127 | 10 | 5697 | 5219 |
| SOMERVILLE 3 NW | 0 | 2 | 76 | 360 | 644 | | | | 908 | 483 | 180 | 34 | | 5357 |
| SUSSEX 1 SE | 25 | 32 | 193 | 525 | 826 | 1262 | 1568 | 1146 | 1058 | 611 | 239 | 99 | 7584 | 5984 |
| * * * | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 4 | 16 | 108 | 356 | 626 | 939 | 1174 | 867 | 820 | 453 | 166 | 13 | 5542 | 4812 |
| AUDUBON | 0 | 0 | 46 | 272 | 574 | 933 | 1189 | 831 | 783 | 375 | 82 | 2 | 5087 | |
| BELLEPLAIN ST FOREST | 0 | 2 | 64 | 283 | 607 | 941 | 1214 | 812 | 788 | 390 | 125 | 15 | 5241 | |
| BURLINGTON | 0 | 0 | | 227 | 604 | 957 | 1127 | 841 | | 371 | | 1 | | 4663 |
| CHATSWORTH | 0 | 1 | 76 | 317 | 611 | 982 | 1238 | 887 | 847 | 445 | 114 | 9 | 5527 | |
| FREEHOLD | 6 | 6 | 94 | 356 | 640 | 1038 | 1310 | 937 | 887 | 483 | 185 | | | 5103 |
| GLASSBORO | 1 | 0 | 65 | 322 | 615 | 1007 | 1245 | 876 | 814 | 454 | 136 | 8 | 5543 | |
| HAMMONTON 2 NNE | 1 | 1 | 53 | 285 | 591 | 982 | 1220 | 850 | 813 | 428 | 138 | 5 | 5367 | 4724 |
| HIGHTSTOWN 1 N | 0 | 6 | 87 | 340 | 623 | 1014 | 1265 | 884 | 852 | 449 | 138 | 12 | 5670 | 5163 |
| INDIAN MILLS 2 W | 0 | 5 | 85 | 344 | 632 | 1003 | 1243 | 881 | 856 | 454 | 135 | 19 | 5657 | 5035 |
| MILLVILLE | 2 | | 35 | | 569 | 941 | 1221 | 868 | | | | | | |
| MILLVILLE FAA AIRPORT | 0 | 0 | 53 | 314 | 624 | 961 | 1218 | 880 | 829 | 413 | 124 | 9 | 5425 | |
| MOORESTOWN | 0 | 1 | 73 | 329 | 617 | | 1218 | 841 | 801 | 385 | 104 | 15 | | 5070 |
| NEW BRUNSWICK | 5 | 3 | 90 | 330 | 632 | 1026 | 1306 | 927 | 879 | 455 | 168 | 22 | 5843 | 5138 |
| PEMBERTON 3 E | 0 | 1 | 71 | 333 | 608 | 999 | 1259 | 861 | 847 | 446 | 121 | 15 | 5561 | 4835 |
| SEABROOK FARMS | 0 | 0 | 67 | 317 | 614 | 982 | 1245 | 872 | 823 | 438 | 129 | 3 | 5490 | |
| SHILOH | 0 | 1 | 46 | 250 | 596 | 968 | 1183 | 847 | 813 | 403 | 94 | 3 | 5204 | 4729 |
| TOMS RIVER | 5 | 9 | 87 | 371 | 648 | 969 | 1266 | 885 | 858 | 485 | 184 | 22 | 5789 | |
| TRENTON WB CITY | 0 | 0 | 56 | 286 | 580 | 969 | 1220 | 889 | 836 | 409 | 119 | 8 | 5372 | 4980 |
| TUCKERTON | 0 | 4 | 62 | 313 | 594 | 938 | 1212 | 865 | 832 | 473 | 149 | 17 | 5459 | |
| WOODSTOWN | 0 | 0 | 60 | 298 | 598 | 985 | 1195 | 852 | 806 | 404 | 95 | 12 | 5305 | |
| * * * | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | |
| ATLANTIC CITY | 0 | 0 | 25 | 222 | 509 | 833 | 1093 | 789 | 736 | 411 | 142 | 3 | 4763 | 4684 |
| CAPE MAY 1 NW | 0 | 1 | 52 | 263 | 560 | 890 | 1161 | 842 | 808 | 452 | 163 | 5 | 5197 | |
| LONG BRANCH 2 S | 0 | 0 | 54 | 300 | 588 | 950 | 1223 | 867 | 844 | 476 | 179 | 11 | 5492 | 5162 |
| SANDY HOOK | | | | | | 905 | 1202 | 896 | 846 | 479 | 178 | 16 | | |

See Reference Notes Following Station Index

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | Day of month 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 90 | 75 | 80 | 88 | 81 | 85 | 88 | 85 | 86 | 82 | 88 | 86 | 88 | 82 | 80 | 87 | 91 | 90 | 90 | 91 | 92 | 83 | 81 | 94 | 91 | 86 | 95 | 97 | 96 | 86 | 88 | 87.2 |
| | | MIN | 70 | 73 | 72 | 75 | 73 | 68 | 68 | 69 | 70 | 74 | 74 | 71 | 68 | 69 | 72 | 74 | 70 | 71 | 72 | 72 | 72 | 73 | 70 | 71 | 76 | 77 | 72 | 77 | 76 | 75 | 77 | 72.3 |
| | 2 | MAX | 85 | 75 | 78 | 83 | 80 | 82 | 84 | 83 | 84 | 80 | 85 | 84 | 86 | 79 | 79 | 84 | 88 | 87 | 88 | 88 | 89 | 83 | 79 | 90 | 87 | 84 | 90 | 92 | 92 | 83 | 85 | 84.4 |
| | | MIN | 71 | 73 | 72 | 75 | 74 | 69 | 69 | 70 | 70 | 75 | 74 | 72 | 69 | 70 | 72 | 74 | 70 | 72 | 73 | 73 | 73 | 73 | 71 | 72 | 76 | 77 | 73 | 77 | 77 | 75 | 77 | 72.8 |
| | 4 | MAX | 79 | 81 | 74 | 77 | 79 | 78 | 80 | 81 | 80 | 81 | 79 | 82 | 82 | 82 | 78 | 78 | 87 | 84 | 83 | 84 | 85 | 85 | 81 | 78 | 85 | 84 | 83 | 87 | 88 | 88 | 82 | 81.8 |
| | | MIN | 70 | 72 | 72 | 72 | 73 | 71 | 70 | 70 | 71 | 72 | 75 | 74 | 73 | 71 | 71 | 72 | 71 | 74 | 72 | 71 | 74 | 73 | 72 | 73 | 73 | 76 | 74 | 75 | 78 | 76 | 76 | 72.8 |
| | 8 | MAX | 73 | 75 | 73 | 74 | 76 | 75 | 75 | 76 | 76 | 76 | 76 | 77 | 76 | 76 | 75 | 75 | 82 | 78 | 78 | 76 | 78 | 78 | 77 | 75 | 78 | 78 | 78 | 80 | 81 | 81 | 79 | 76.8 |
| | | MIN | 70 | 72 | 72 | 72 | 73 | 72 | 71 | 71 | 71 | 72 | 74 | 74 | 73 | 72 | 72 | 72 | 72 | 74 | 73 | 72 | 74 | 74 | 73 | 73 | 73 | 75 | 74 | 75 | 78 | 77 | 76 | 73.1 |
| | 20 | MAX | 69 | 70 | 70 | 70 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 72 | 71 | 71 | 72 | 72 | 72 | 72 | 73 | 73 | 72 | 72 | 73 | 73 | 73 | 74 | 75 | 75 | 75 | 71.9 |
| | | MIN | 69 | 69 | 69 | 70 | 70 | 70 | 70 | 70 | 70 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 72 | 72 | 72 | 71 | 71 | 72 | 72 | 73 | 74 | 74 | 74 | 74 | 71.2 |
| | 40 | MAX | 66 | 66 | 66 | 66 | 67 | 67 | 67 | 67 | 67 | 67 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 70 | 70 | 71 | 71 | 68.2 |
| | | MIN | 65 | 65 | 66 | 66 | 66 | 66 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 69 | 69 | 69 | 69 | 68 | 69 | 68 | 69 | 69 | 70 | 70 | 67.7 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 99 | 76 | 82 | 95 | 76 | 97 | 102 | 99 | 98 | 85 | 94 | 100 | 102 | 92 | 86 | 96 | 103 | 100 | 101 | 102 | 100 | 94 | 86 | 104 | 99 | 87 | 96 | 103 | 104 | 86 | 89 | 94.6 |
| | | MIN | 70 | 72 | 72 | 75 | 72 | 67 | 67 | 69 | 70 | 73 | 73 | 69 | 66 | 70 | 72 | 75 | 68 | 72 | 72 | 73 | 71 | 73 | 71 | 72 | 76 | 77 | 71 | 76 | 75 | 73 | 76 | 71.9 |
| | 2 | MAX | 95 | 76 | 82 | 92 | 75 | 94 | 99 | 96 | 95 | 85 | 92 | 97 | 98 | 89 | 86 | 94 | 100 | 97 | 98 | 100 | 97 | 92 | 85 | 101 | 97 | 87 | 95 | 100 | 102 | 85 | 87 | 92.5 |
| | | MIN | 70 | 73 | 72 | 76 | 73 | 67 | 68 | 70 | 71 | 74 | 74 | 70 | 67 | 71 | 73 | 75 | 69 | 73 | 73 | 73 | 72 | 74 | 72 | 73 | 77 | 77 | 72 | 76 | 76 | 74 | 77 | 72.6 |
| | 4 | MAX | 87 | 75 | 78 | 86 | 82 | 86 | 90 | 88 | 88 | 81 | 86 | 88 | 90 | 84 | 82 | 88 | 92 | 90 | 91 | 92 | 90 | 86 | 82 | 91 | 90 | 84 | 89 | 93 | 93 | 83 | 84 | 86.7 |
| | | MIN | 73 | 73 | 73 | 76 | 76 | 69 | 71 | 73 | 74 | 76 | 75 | 73 | 72 | 74 | 74 | 75 | 73 | 75 | 76 | 75 | 75 | 76 | 75 | 74 | 78 | 77 | 74 | 78 | 79 | 76 | 78 | 74.7 |
| | 8 | MAX | 80 | 74 | 75 | 77 | 78 | 79 | 81 | 81 | 80 | 78 | 79 | 81 | 82 | 79 | 78 | 81 | 83 | 83 | 84 | 84 | 83 | 80 | 79 | 83 | 82 | 80 | 82 | 85 | 84 | 80 | 80 | 80.5 |
| | | MIN | 73 | 73 | 73 | 75 | 76 | 72 | 73 | 75 | 75 | 76 | 76 | 74 | 75 | 76 | 75 | 75 | 76 | 77 | 78 | 76 | 78 | 78 | 76 | 76 | 78 | 78 | 75 | 78 | 80 | 78 | 78 | 75.9 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# EVAPORATION AND WIND

| Station | | | Day Of Month 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN | 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | | EVAP | .34 | .14 | .00 | .17 | .11 | .14 | .30 | .21 | .23 | .18 | .14 | .31 | .10 | .13 | .23 | .05 | .22 | .20 | .25 | .24 | .22 | .14 | .25 | .10 | .19 | .14 | .17 | .38 | .22 | .17 | .17 | 5.84 |
| | | WIND | 32 | 29 | 22 | 31 | 29 | 24 | 9 | 21 | 49 | 6 | 82 | 11 | 31 | 20 | 51 | 38 | 36 | 20 | 34 | 31 | 60 | 20 | 9 | 22 | 6 | 25 | 16 | 22 | 25 | 28 | 23 | 862 |
| | | MAX | 91 | 95 | 73 | 79 | 90 | 87 | 91 | 93 | 89 | 87 | 83 | 80 | 94 | 92 | 78 | 80 | 92 | 93 | 93 | 91 | 92 | 93 | 84 | 85 | 95 | 97 | 94 | 90 | 97 | 93 | 84 | 88.9 |
| | | MIN | 66 | 70 | 69 | 69 | 72 | 66 | 65 | 65 | 65 | 66 | 70 | 72 | 64 | 65 | 67 | 68 | 66 | 67 | 70 | 70 | 68 | 66 | 66 | 69 | 70 | 72 | 72 | 73 | 75 | 70 | 71 | 68.5 |
| * * * SOUTHERN | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | | EVAP | .92 | .66 | .39 | .57 | .64 | .67 | .59 | .58 | .78 | .72 | .67 | .80 | .57 | .39 | .59 | .77 | 1.05 | .68 | .76 | .53 | .95 | .65 | .32 | .29 | .42 | .35 | .20 | .50 | .56 | .37 | .44 | 18.38 |
| | | WIND | 27 | 32 | 5 | 2 | 23 | 26 | 33 | 33 | 32 | 20 | 12 | 25 | 34 | 30 | 20 | 11 | 31 | 23 | 34 | 33 | 29 | 28 | 21 | 12 | 20 | 23 | 13 | 26 | 27 | 0 | 13 | 698 |
| | | MAX | 88 | 93 | 72 | 81 | 93 | 81 | 89 | 92 | 90 | 90 | 83 | 90 | 91 | 91 | 80 | 82 | 88 | 91 | 88 | 91 | 92 | 87 | 84 | 85 | 94 | 92 | 87 | 97 | 97 | 95 | 82 | 88.3 |
| | | MIN | 62 | 67 | 67 | 68 | 67 | 62 | 61 | 62 | 64 | 65 | 69 | 64 | 60 | 60 | 63 | 67 | 61 | 62 | 67 | 67 | 65 | 64 | 63 | 67 | 67 | 73 | 70 | 71 | 72 | 69 | 69 | 65.6 |
| PEMBERTON 3 E | | EVAP | .18 | .15 | .11 | .12 | .14 | .15 | .17 | .27 | .24 | .17 | .15 | .20 | .15 | .17 | .09 | .12 | .19 | .24 | .21 | .15 | .11 | .13 | .09 | .10 | .13 | .13 | .14 | .16 | .18 | .07 | .04 | 4.65 |
| | | WIND | 19 | 31 | 28 | 37 | 14 | 14 | 11 | 34 | 47 | 55 | 22 | 16 | 11 | 17 | 32 | 35 | 20 | 14 | 20 | 35 | 28 | 7 | 3 | 19 | 16 | 13 | 12 | 18 | 16 | 17 | 32 | 693 |
| SEABROOK FARMS | | EVAP | .23 | .32 | .08 | .12 | .20 | .18 | .31 | .32 | .34 | .26 | .11 | * | .55 | .28 | .23 | .26 | .29 | .27 | * | .62 | .25 | .20 | .14 | .13 | .07 | .28 | .13 | .20 | .25 | .15 | .19 | 6.96 |
| | | MAX | 92 | 93 | 80 | 89 | 93 | 82 | 91 | 93 | 89 | 91 | 81 | - | 92 | 88 | 82 | 88 | 90 | 92 | - | 95 | 91 | 84 | 82 | 82 | 86 | 93 | 93 | 95 | 97 | 92 | 85 | 89.0 |
| | | MIN | 63 | 68 | 70 | 69 | 69 | 65 | 63 | 65 | 65 | 67 | 68 | - | 66 | 63 | 64 | 66 | 62 | 63 | - | 67 | 66 | 63 | 66 | 67 | 69 | 73 | 71 | 71 | 73 | 73 | 74 | 67.2 |

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES |  |  |  | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) |  |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 |  |  |  | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | M10 | M10 |  | C HJ | U.S. WEATHER BUREAU |
| # ATLANTIC CITY | R 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | M10 | M10 |  | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P |  |  | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 |  | 9A |  | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P |  |  | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A |  | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 |  | 7A |  |  | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 |  | 7A |  |  | N BRUNSWICK WATER RLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A |  |  | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 |  | 7A |  |  | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P |  |  | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 |  | 8A |  |  | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A |  | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 |  | 9A |  |  | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A |  | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 |  |  |  | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A |  | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P |  |  | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 54 | 200 |  | 8A |  |  | ANDREW F DROPPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P |  |  | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 9A | 8A |  | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A |  | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 15 | 5 |  | 7A |  |  | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A |  | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A |  | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 |  | 7A |  |  | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A |  |  | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A |  |  | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P |  | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P |  | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | M10 | M10 |  |  | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P |  | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A |  |  | ROBERT WELSH |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A |  | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P |  | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A |  | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 |  |  |  | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 |  | 7A |  |  | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 |  |  |  | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 |  | 9A |  | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 |  | M10 |  |  | RIDGEWOOD WATER CO. |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | M10 | M10 |  | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 |  | 7A |  |  | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | M10 | 8A |  | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A |  | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT | R 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | M10 | M10 |  | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | C GH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 |  | M10 |  | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A |  | C H | NEWTON WTR. & SWR. COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 |  | 8A |  |  | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A |  | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A |  | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P |  | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 |  | 8A |  |  | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 |  | M10 |  |  | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 |  | M10 |  | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 |  | 10A |  |  | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P |  |  | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P |  |  | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A |  | H | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 |  | 10A |  |  | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 19 | 90 |  |  |  | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A |  |  | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A |  |  | TOMS RIVER WATER CO. |
| # TRENTON WB CITY | R 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | M10 | M10 |  | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P |  |  | LAWRENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 |  | 8A |  | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 |  |  |  | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 |  | 7A |  |  | ROBERT H. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 |  | 7A |  |  | N.J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 |  | M10 |  | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P |  |  | CREAM VALLEY DAIRY |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data

* Amount included in following measurement, time distribution unknown.

√ Gage is equipped with a windshield.

B Adjusted to a full month

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing, if average value is entered, less than 10 days record is missing See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground, however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual, $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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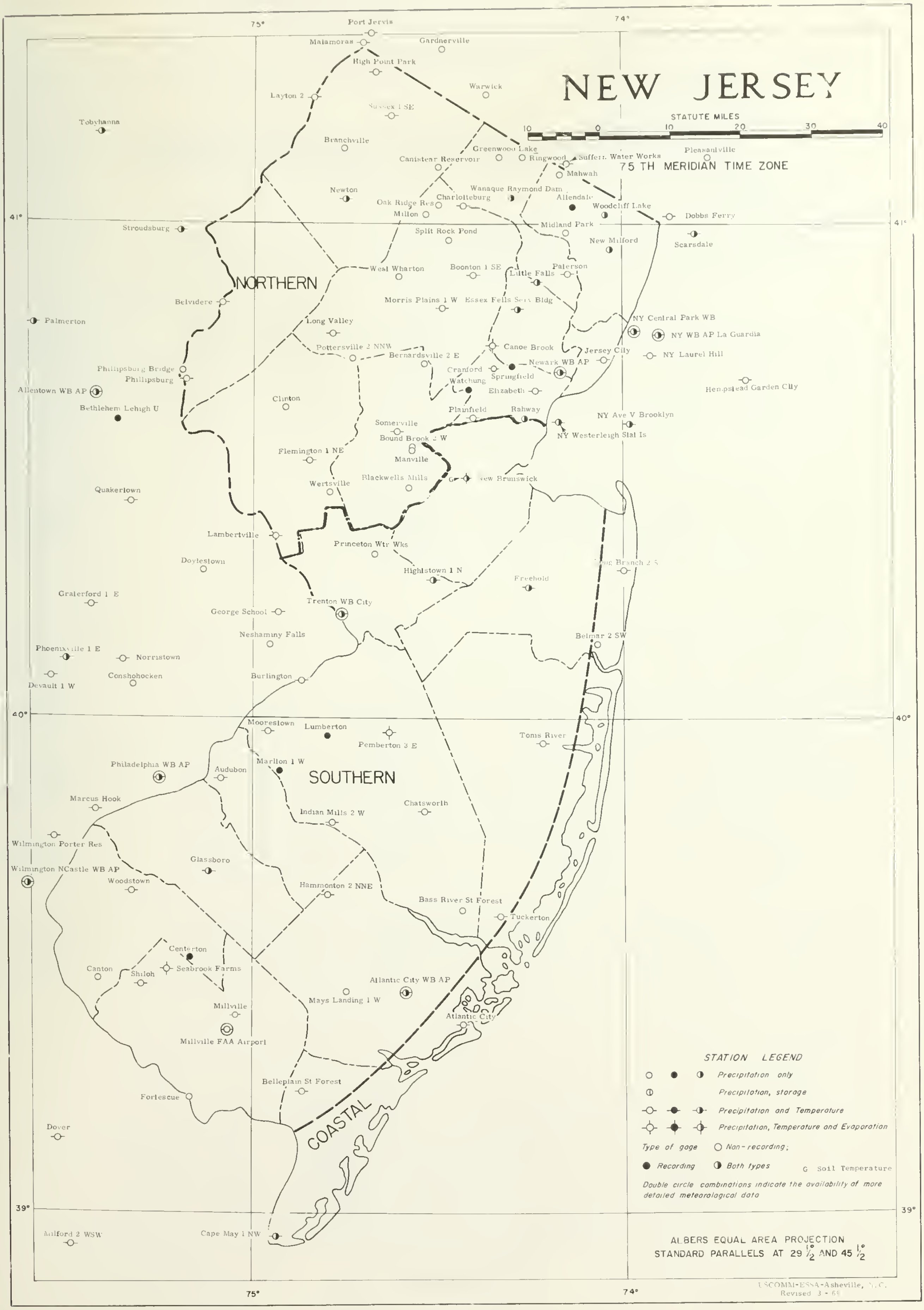

USCOMM-ESSA-Asheville, N.C.
Revised 3-69

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# CLIMATOLOGICAL DATA

NEW JERSEY
AUGUST 1970
Volume 75 No. 8

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

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## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIOERE | 83.5 | 57.7 | 70.6 | - 2.3 | 89 | 28+ | 48 | 22 | 0 | 0 | 0 | 0 | 0 | 3.42 | - 1.57 | 1.58 | 1 | .0 | 0 | | 6 | 2 | 1 |
| BOONTON 1 SE | 84.5 | 60.7 | 72.6 | 1.8 | 93 | 16+ | 51 | 25 | 0 | 3 | 0 | 0 | 0 | 4.50 | - .43 | 1.82 | 1 | .0 | 0 | | 6 | 4 | 1 |
| CANOE BROOK | 85.4 | 60.9 | 73.2 | 2.1 | 93 | 15 | 51 | 22 | 0 | 6 | 0 | 0 | 0 | 4.58 | - .65 | 1.34 | 24 | .0 | 0 | | 7 | 3 | 2 |
| CHARLOTTEBURG | 82.4 | 57.5 | 70.0 | .8 | 89 | 16+ | 49 | 22 | 2 | 0 | 0 | 0 | 0 | 4.94 | - .02 | 2.26 | 1 | .0 | 0 | | 7 | 4 | 1 |
| CRANFORO | 86.3 | 63.7 | 75.0 | | 92 | 13 | 55 | 25+ | 0 | 6 | 0 | 0 | 0 | 5.16 | | 2.65 | 23 | .0 | 0 | | 7 | 3 | 1 |
| ESSEX FELLS SERV BLOG | 85.2 | 60.4 | 72.8 | | 92 | 17+ | 52 | 25+ | 0 | 6 | 0 | 0 | 0 | 3.70 | | 1.82 | 1 | .0 | 0 | | 4 | 2 | 2 |
| FLEMINGTON 1 NE | 85.0 | 59.3 | 72.2 | - 1.2 | 92 | 17 | 49 | 22 | 2 | 6 | 0 | 0 | 0 | 4.46 | - .56 | 1.21 | 1 | .0 | 0 | | 5 | 4 | 3 |
| HIGH POINT PARK | 79.5 | 58.3 | 68.9 | | 87 | 16 | 51 | 24+ | 8 | 0 | 0 | 0 | 0 | 4.53 | | 1.40 | 23 | .0 | 0 | | 7 | 3 | 2 |
| JERSEY CITY | 84.7 | 68.3 | 76.5 | 2.7 | 93 | 13 | 59 | 5 | 0 | 8 | 0 | 0 | 0 | 2.45 | - 2.17 | 1.30 | 23 | .0 | 0 | | 6 | 1 | 1 |
| LAMBERTVILLE | 87.4 | 62.7 | 75.1 | 2.1 | 93 | 15 | 51 | 22 | 0 | 11 | 0 | 0 | 0 | 4.28 | - .86 | 1.80 | 23 | .0 | 0 | | 5 | 2 | 2 |
| LAYTON 2 | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | 85.9 | 63.4 | 74.7 | 1.9 | 92 | 17+ | 55 | 22 | 0 | 8 | 0 | 0 | 0 | 5.48 | .39 | 2.43 | 1 | .0 | 0 | | 4 | 4 | 2 |
| LONG VALLEY | 82.3 | 55.8 | 69.1 | | 89 | 16+ | 46 | 25 | 7 | 0 | 0 | 0 | 0 | 5.90 | .84 | 2.02 | 1 | .0 | 0 | | 5 | 3 | 3 |
| MORRIS PLAINS 1 W | 85.6 | 59.7 | 72.7 | | 92 | 16+ | 51 | 25 | 0 | 7 | 0 | 0 | 0 | 3.80 | | 1.94 | 1 | .0 | 0 | | 5 | 3 | 1 |
| NEWARK W8 AIRPORT R | 85.6 | 68.9 | 77.3 | 2.9 | 93 | 16+ | 63 | 24 | 0 | 8 | 0 | 0 | 0 | 3.91 | - .52 | 1.88 | 23 | .0 | 0 | | 5 | 2 | 2 |
| NEWTON | M | 57.4 | M | | 91 | 17+ | 48 | 25+ | | | 0 | 0 | 0 | 3.17 | - 1.37 | .86 | 24 | .0 | 0 | | 6 | 2 | 0 |
| PATERSON | 87.3M | 66.0 | 76.7M | 3.1 | 95 | 17+ | 58 | 25 | 0 | 10 | 0 | 0 | 0 | 5.05 | .18 | 1.58 | 23 | .0 | 0 | | 10 | 3 | 2 |
| PHILLIPSBURG | 86.3 | 59.1 | 72.7 | .3 | 93 | 15 | 49 | 22 | 0 | 9 | 0 | 0 | 0 | 4.73 | - .31 | 3.29 | 1 | .0 | 0 | | 4 | 2 | 1 |
| PLAINFIELO | 86.6 | 63.5 | 75.1 | 2.0 | 93 | 16+ | 55 | 25+ | 0 | 8 | 0 | 0 | 0 | 4.89 | - .30 | 2.22 | 23 | .0 | 0 | | 9 | 3 | 1 |
| SOMERVILLE 3 NW | 85.5 | 59.5 | 72.5 | - .3 | 93 | 15 | 51 | 22 | 0 | 5 | 0 | 0 | 0 | 5.81 | .80 | 1.87 | 24 | .0 | 0 | | 8 | 4 | 3 |
| SUSSEX 1 SE | 84.0 | 53.5 | 68.8 | - 2.0 | 91 | 17+ | 42 | 22 | 8 | 3 | 0 | 0 | 0 | 4.20 | - .84 | 1.00 | 1 | .0 | 0 | | 6 | 5 | 1 |
| OIVISION | | | 73.0 | .9 | | | | | | | | | | 4.45 | - .46 | | | .0 | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY W8 AP | 84.2 | 63.6 | 73.9 | .2 | 92 | 17 | 54 | 31 | 0 | 7 | 0 | 0 | 0 | 2.70 | - 2.20 | 1.21 | 17 | .0 | 0 | | 3 | 2 | 1 |
| AUOUBON | 87.6 | 65.7 | 76.7 | | 93 | 16+ | 56 | 22 | 0 | 12 | 0 | 0 | 0 | 6.28 | | 2.83 | 23 | .0 | 0 | | 5 | 3 | 3 |
| BELLEPLAIN ST FOREST | 87.5 | 62.9 | 75.2 | | 93 | 29+ | 50 | 22 | 0 | 12 | 0 | 0 | 0 | 1.07 | - 4.68 | .51 | 24 | .0 | 0 | | 4 | 1 | 0 |
| BURLINGTON | | | | | | | | | | | | | | | | | | | | | | | |
| CHATSWORTH | 86.7M | 62.5M | 74.6M | | 92 | 28 | 52 | 22 | 0 | 9 | 0 | 0 | 0 | 2.39 | | .50 | 4 | .0 | 0 | | 7 | 1 | 0 |
| FREEHOLO | 84.9 | 63.1 | 74.0 | .9 | 92 | 14 | 52 | 22 | 0 | 5 | 0 | 0 | 0 | 4.83 | .07 | 2.19 | 24 | .0 | 0 | | 5 | 3 | 2 |
| GLASSBORO | 86.7 | 65.5 | 76.1 | | 93 | 29 | 53 | 22 | 0 | 11 | 0 | 0 | 0 | .61 | | .26 | 3 | .0 | 0 | | 2 | 0 | 0 |
| HAMMONTON 2 NNE | 87.7 | 63.1 | 75.4 | 1.2 | 95 | 29 | 55 | 22 | 0 | 14 | 0 | 0 | 0 | 1.98 | - 3.66 | .49 | 4 | .0 | 0 | | 6 | 0 | 0 |
| HIGHTSTOWN 1 N | 86.2 | 62.9 | 74.6 | 1.7 | 93 | 15 | 51 | 22 | 0 | 8 | 0 | 0 | 0 | 2.54 | - 1.98 | 1.75 | 23 | .0 | 0 | | 4 | 1 | 1 |
| INOIAN MILLS 2 W | 86.3 | 61.9 | 74.1 | 1.2 | 92 | 28+ | 47 | 22 | 0 | 9 | 0 | 0 | 0 | 1.23 | - 4.23 | .53 | 17 | .0 | 0 | | 3 | 1 | 0 |
| MILLVILLE FAA AIRPORT | 86.1 | 65.3 | 75.7 | | 92 | 17 | 57 | 22 | 0 | 8 | 0 | 0 | 0 | 1.12 | | .60 | 23 | .0 | 0 | | 2 | 1 | 0 |
| MOORESTOWN | 86.1M | 63.8 | 75.0M | 1.9 | 91 | 18 | 52 | 22 | 0 | 6 | 0 | 0 | 0 | 6.72 | 1.97 | 2.85 | 24 | .0 | 0 | | 3 | 3 | 2 |
| NEW BRUNSWICK | 84.9 | 64.4 | 74.7 | 1.5 | 91 | 16+ | 55 | 22 | 0 | 5 | 0 | 0 | 0 | 3.00 | - 1.70 | .93 | 23 | .0 | 0 | | 6 | 3 | 0 |
| PEMBERTON 3 E | 87.3 | 62.2 | 74.8 | 1.0 | 94 | 15 | 48 | 22 | 0 | 12 | 0 | 0 | 0 | 2.85 | - 2.20 | 1.88 | 23 | .0 | 0 | | 2 | 2 | 1 |
| SEABROOK FARMS | 86.9 | 64.9 | 75.9 | | 96 | 29 | 53 | 22 | 0 | 11 | 0 | 0 | 0 | 1.04 | | .21 | 4 | .0 | 0 | | 5 | 0 | 0 |
| SHILOH | 87.3 | 64.9 | 76.1 | 1.5 | 93 | 29 | 57 | 22 | 0 | 13 | 0 | 0 | 0 | 1.07 | - 3.88 | .27 | 17 | .0 | 0 | | 5 | 0 | 0 |
| TOMS RIVER | 85.7 | 62.4 | 74.1 | | 92 | 29+ | 52 | 22 | 0 | 10 | 0 | 0 | 0 | 3.07 | | 1.42 | 24 | .0 | 0 | | 4 | 3 | 1 |
| TRENTON W8 CITY R | 85.1 | 67.5 | 76.3 | 2.4 | 93 | 13 | 61 | 22 | 0 | 6 | 0 | 0 | 0 | 2.87 | - 1.90 | 1.75 | 23 | .0 | 0 | | 3 | 2 | 1 |
| TUCKERTON | 85.5 | 65.0 | 75.3 | | 94 | 28 | 54 | 22 | 0 | 8 | 0 | 0 | 0 | 2.24 | | .84 | 17 | .0 | 0 | | 4 | 2 | 0 |
| WOODSTOWN | 87.4 | 62.3 | 74.9 | | 92 | 28+ | 49 | 22 | 0 | 13 | 0 | 0 | 0 | 3.19 | | 1.53 | 1 | .0 | 0 | | 5 | 2 | 1 |
| OIVISION | | | 75.1 | 1.5 | | | | | | | | | | 2.67 | - 2.39 | | | .0 | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 81.2 | 68.6 | 74.9 | 1.2 | 90 | 29 | 61 | 22 | 0 | 1 | 0 | 0 | 0 | 1.24 | - 3.90 | .48 | 17 | | | | 4 | 1 | 0 |
| CAPE MAY 1 NW | 84.2 | 66.4 | 75.3 | | 90 | 30+ | 58 | 22 | 0 | 3 | 0 | 0 | 0 | 1.57 | | .50 | 24 | .0 | 0 | | 4 | 1 | 0 |
| LONG BRANCH 2 S | 83.7 | 66.1 | 74.9 | 2.1 | 91 | 16 | 57 | 22 | 0 | 2 | 0 | 0 | 0 | 6.44 | 1.19 | 3.83 | 23 | .0 | 0 | | 5 | 3 | 2 |
| SANOY HOOK | 83.1 | 69.3 | 76.2 | | 88 | 16+ | 64 | 24 | 0 | 0 | 0 | 0 | 0 | 4.04 | | 3.42 | 24 | .0 | 0 | | 3 | 1 | 1 |
| OIVISION | | | 75.3 | 1.7 | | | | | | | | | | 3.32 | - 1.62 | | | .0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>SEABROOK FARMS | 96 | OATE | 29 |
| LOWEST TEMPERATURE<br>SUSSEX 1 SE | 42 | OATE | 22 |
| GREATEST TOTAL PRECIPITATION<br>MOORESTOWN | 6.72 | | |
| LEAST TOTAL PRECIPITATION<br>GLASSBORO | .61 | | |
| GREATEST 1 OAY PRECIPITATION<br>LONG BRANCH 2 S | 3.83 | OATE | 23 |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

NEW JERSEY
AUGUST 1970

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * *<br>NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 3.42 | 1.58 | .46 | | .05 | | | | | | | | | | T | | | .08 | .13 | | T | T | | .42 | .50 | | | | | | | .20 |
| BERNARDSVILLE 2 E | 4.38 | 1.16 | .34 | | .75 | | .03 | | | | | | | | | | | | .51 | | .07 | .14 | | .61 | .66 | | | | .02 | | | .09 |
| BLACKWELLS MILLS | 4.24 | 1.10 | | | .05 | | | | | | | | | | | | .94 | | .06 | | | .52 | | .22 | 1.30 | | | | | | | .05 |
| BOONTON 1 SE | 4.50 | 1.82 | .09 | | | | T | | | | | | | | | | | .04 | T | | .80 | .10 | | .99 | .55 | T | T | | | | | .11 |
| BOUND BROOK 2 W | 3.99 | .83 | .40 | | T | | | | | | | | | | | | | | .13 | | .05 | .26 | | 1.07 | 1.18 | | | | | | | .07 |
| BRANCHVILLE | 4.60 | .40 | .71 | | .99 | | | | | | | | | | | | | .06 | | | | .02 | | 2.00 | .22 | | | | | | | .20 |
| CANISTEAR RESERVOIR | 6.00 | 2.48 | .45 | | .58 | | | | | | | | | | | | | | .03 | | .11 | .02 | | .68 | .53 | | | | | | | 1.12 |
| CANOE BROOK | 4.58 | 1.26 | .15 | | .08 | | .32 | | | | | | | | | | | | .55 | | .06 | .05 | | .49 | 1.34 | | | | | | | .28 |
| CHARLOTTEBURG | 4.94 | 2.26 | .17 | | .67 | | | | | | | | | | | | | | .22 | | .16 | T | | .63 | .75 | | | | T | | | .08 |
| CLINTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CRANFORD | 5.16 | .37 | .04 | | .03 | | | | | | | | | | .88 | .17 | | .31 | | | .55 | .05 | | 2.65 | | | | | | | | .11 |
| ESSEX FELLS SERV BLDG | 3.70 | 1.82 | | | .12 | | .01 | | | | | | | | | | | | .02 | | .03 | | | 1.52 | | | | | .10 | | | .08 |
| FLEMINGTON 1 NE | 4.46 | 1.21 | .03 | | .03 | | | | | | | | | | | | | | .10 | | | 1.07 | | 1.19 | .76 | | | | | | | .07 |
| GREENWOOD LAKE | 4.56 | 1.65 | .45 | | .77 | | | | .08 | | | | | | | | | | .03 | | | .05 | | .60 | .75 | | | | | | | .18 |
| HIGH POINT PARK | 4.53 | 1.04 | .80 | | .32 | | T | | | | | | | | T | | | .02 | | | | .16 | | 1.40 | .32 | | | | .02 | | | .45 |
| JERSEY CITY | 2.45 | .13 | | .14 | | .20 | | .01 | | | | | | | T | | | .43 | | | .05 | | | 1.30 | | | | | | | | .19 |
| LAMBERTVILLE | 4.28 | 1.46 | | | .12 | | | | | | | | | | | | | .30 | | | .09 | .47 | | 1.80 | | | | | | | | .04 |
| LAYTON 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LITTLE FALLS | 5.48 | 2.43 | .06 | | .05 | | 1.28 | | | | | | | | | | | .01 | .09 | | .04 | | | .74 | .71 | | | | | | | .07 |
| LONG VALLEY | 5.90 | 2.02 | 1.55 | .04 | | | | | | | | | | | | | | | .06 | | | .06 | | 1.37 | | | | | .45 | | | .35 |
| MAHWAH | 4.06 | 1.22 | .32 | | .80 | | .08 | | .23 | | | | | | | | | | .18 | | .02 | | | .52 | .60 | | | | | | | .09 |
| MIDLAND PARK | 3.97 | .23 | | .14 | .02 | .10 | | .01 | | | | | | | 1.26 | | | .24 | | | .03 | | | 1.82 | | | | .07 | | | .01 | .04 |
| MILTON | 4.47 | 1.81 | .34 | | .15 | | | | | | | | | | | | | .51 | | | | | | .44 | 1.11 | | | | | | | .11 |
| MORRIS PLAINS 1 W | 3.80 | 1.94 | .16 | | T | | | T | | | | | | | | | | T | .02 | | .03 | .04 | | .72 | .79 | | | | T | | | .10 |
| NEWARK WB AIRPORT R | 3.91 | .30 | | .33 | | T | | | | | | | | | .05 | | | 1.03 | | | .18 | .01 | | 1.88 | | | | | | | .09 | .04 |
| NEW MILFORD | 2.36 | .09 | | | .10 | .15 | | | | | | | | | .08 | | | .04 | | | .31 | | | 1.52 | | | | | | | .02 | .05 |
| NEWTON | 3.17 | .49 | .49 | | .42 | | | | | | | | | | | | | .04 | | | | | | .72 | .86 | | | | | | | .15 |
| OAK RIDGE RESERVOIR | 5.81 | 2.83 | .25 | | .87 | | | | | | | | | | | | | .18 | | | | .08 | | .59 | .87 | | | | | | | .14 |
| PATERSON | 5.05 | 1.12 | .12 | | .25 | | .86 | | .11 | | T | | | | | | | .02 | .28 | | .10 | .02 | | 1.58 | .26 | | | | .27 | | | .06 |
| PHILLIPSBURG | 4.73 | 3.29 | | .02 | | | | | | | | | | | | | | | .12 | | | | | .73 | .49 | | | | | | | .08 |
| PLAINFIELD | 4.89 | .12 | .11 | | .10 | | | | | | | | | | | | | .71 | | | .73 | .25 | | 2.22 | | | | .39 | | | | .26 |
| POTTERSVILLE 2 NNW | 6.09 | 1.57 | 1.27 | | .70 | | | | | | | | | | | | | | .22 | | .14 | .66 | | 1.00 | .48 | | | | | | | .05 |
| RAHWAY | 2.48 | | | | | | | | | | | | | | T | T | | .30 | | | .11 | .16 | | 1.66 | | | | | | | | .25 |
| RINGWOOD | 2.96 | .80 | .30 | | .72 | | | | | | | | | | | | | | | | T | | | .82 | .19 | | | | | | | .13 |
| SOMERVILLE 3 NW | 5.81 | 1.27 | .33 | | T | | T | | | | | | | | | | | | .40 | | .14 | 1.06 | | .63 | 1.87 | | | | | | | .11 |
| SPLIT ROCK POND | 4.03 | 2.09 | .39 | | | | | | | | | | | | | | | .06 | | | | .21 | | .88 | .29 | | | | | | | .11 |
| SUSSEX 1 SE | 4.20 | 1.00 | .41 | | .54 | | | | | | | | | | .01 | | | T | | | | .07 | | .84 | .71 | | | | | | | .62 |
| WANAQUE RAYMOND DAM | 3.08 | 1.10 | .25 | | .34 | | .17 | | | | | | | | | | | .03 | .03 | | .08 | | | .50 | .48 | | | | | | | .10 |
| WERTSVILLE | 4.83 | 1.62 | .07 | | .07 | | | | | | | | | | | | | | .16 | | .02 | .49 | | 1.29 | 1.02 | | | | | | | .09 |
| WEST WHARTON | 4.76 | 3.09 | .24 | | | | | | | | | | | | | | | | .07 | | | .03 | | .73 | .49 | | | | | | | .11 |
| WOODCLIFF LAKE | 3.24 | .33 | | .17 | .02 | .52 | | .06 | | | | | | | .06 | | | .17 | | | .18 | | | 1.63 | | | | | | | .04 | .06 |
| * * *<br>SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 2.70 | .08 | | .37 | | | | | .94 | | | .02 | | | T | | | 1.21 | | | T | | | .08 | | | | | | | T | T |
| AUDUBON | 6.28 | 1.53 | | .04 | .05 | | | | 1.57 | | | | | | | | T | .14 | | | T | T | | 2.83 | | | | | | | | .12 |
| BASS RIVER ST FOREST | 3.32 | .06 | | | | .61 | | | | | | .03 | | | | | 1.02 | | 1.09 | | | | | | .51 | | | | | | | |
| BELLEPLAIN ST FOREST | 1.07 | | | | .02 | | | | | | | | | | | | | | .26 | | | .16 | | .10 | .51 | | | | | | | .02 |
| BURLINGTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CANTON | .77 | .02 | | | .28 | | | | | | | | | | | .04 | | | .08 | .15 | | .02 | | | .04 | | | | | | | .14 |
| CHATSWORTH | 2.39 | | | | .50 | .30 | | | | | | .14 | | | .05 | | .25 | .43 | .47 | | | | | .25 | | | | | | | | |
| FORTESCUE | .82 | | | | | | | | | | | | | | | | | | | | | .37 | | | .33 | | | | | | | .12 |
| FREEHOLD | 4.83 | 1.25 | | | .05 | | T | | | | | | | | | | .92 | | | | | .14 | | .23 | 2.19 | | | | | | | .05 |
| GLASSBORO | .61 | | | .26 | | | | | | | | | | | | | | | | | .01 | .01 | | .25 | | | | | | | | .08 |
| HAMMONTON 2 NNE | 1.98 | .15 | | | .49 | | T | | .13 | | .28 | .04 | | | | .40 | | | .02 | | | | | | .46 | | | | | | | .01 |
| HIGHTSTOWN 1 N | 2.54 | .45 | | | .04 | | | | | | | .03 | | | T | .02 | | | | | T | .15 | | 1.75 | | | | | | | | .10 |
| INDIAN MILLS 2 W | 1.23 | .04 | | | .39 | T | | | T | | | .03 | | | T | | .14 | .53 | | | | | | .08 | | | | | | | | .02 |
| MAYS LANDING 1 W | 1.84 | .52 | | | .57 | | | | | | | | | | | | | | .22 | | | | | | .53 | | | | | | | T |
| MILLVILLE FAA AIRPORT | 1.12 | .01 | | .29 | | | | | .05 | | | T | | | .04 | | | .01 | | T | .04 | | | .60 | | | | | | | | .08 |
| MOORESTOWN | 6.72 | | | .87 | .03 | T | | | | | | | | T | 2.76 | T | | .08 | .08 | | | T | | | 2.85 | | | | | | | .05 |
| NEW BRUNSWICK | 3.00 | .74 | .10 | | .10 | | T | | | | | T | | | | | | | .03 | | | .59 | | .93 | .45 | | | | | | | .06 |
| PEMBERTON 3 E | 2.85 | .80 | | | .07 | .03 | | | | | | T | | | | | .07 | | | | | | | 1.88 | | | | | | | T | |
| PRINCETON WATER WORKS | 3.20 | .85 | | .06 | .02 | | | | | | | T | | | T | .02 | | .05 | | | .06 | .04 | | 1.91 | | | | | | | | .19 |
| SEABROOK FARMS | 1.04 | .02 | | | .21 | | | | | .11 | .04 | .02 | | | | T | .01 | | .04 | | .13 | .05 | | .03 | .18 | | | | | | .03 | .17 |
| SHILOH | 1.07 | .04 | | | .25 | | | | | | | | | | | | | .27 | | | | .12 | | .16 | | | | | | | | .23 |
| TOMS RIVER | 3.07 | .03 | | | .55 | | | | | | | .13 | | | | | | | .92 | | | | | .02 | 1.42 | | | | | | | |
| TRENTON WB CITY R | 2.87 | .82 | | .07 | | T | | | | | | T | | | .05 | .12 | | .01 | | T | T | T | | 1.75 | | | | | | | .04 | .01 |
| TUCKERTON | 2.24 | .04 | | | .78 | | | | .23 | | | | | | .03 | | | .84 | | | | | | .32 | | | | | | | | T |
| WOODSTOWN | 3.19 | 1.53 | | | .90 | | | | | .11 | .01 | | | | .09 | .01 | | | | .01 | .05 | .08 | | .21 | | | | | | | .07 | .12 |
| * * *<br>COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 1.24 | .02 | .05 | .19 | | | | | .13 | | | .01 | | | | | | .48 | | | | | | .36 | | | | | | | | |
| CAPE MAY 1 NW | 1.57 | | .47 | | .15 | | | | | | | | | | | | | | T | | | .45 | | | .50 | | | | | | | |
| LONG BRANCH 2 S | 6.44 | .22 | | | .02 | | | | | | | T | | | | T | | | | | 1.70 | .55 | | 3.83 | T | | | | | | | .12 |
| SANDY HOOK | 4.04 | | | | .38 | | | | | | | | | | | | | | | | | | | | 3.42 | | | | .09 | | | .15 |

See reference notes following Station Index.

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 77 | 87 | 88 | 84 | 78 | 76 | 82 | 81 | 84 | 85 | 82 | 81 | 87 | 89 | 89 | 89 | 88 | 87 | 84 | 79 | 82 | 83 | 81 | 81 | 78 | 82 | 83 | 89 | 87 | 84 | 80 | 83.5 |
| | MIN | 70 | 65 | 61 | 59 | 54 | 55 | 56 | 58 | 57 | 58 | 59 | 59 | 61 | 61 | 56 | 62 | 65 | 55 | 53 | 53 | 64 | 48 | 49 | 53 | 54 | 54 | 56 | 55 | 61 | 60 | 58 | 57.7 |
| BOONTON 1 SE | MAX | 82 | 86 | 84 | 85 | 80 | 79 | 83 | 86 | 87 | 86 | 84 | 82 | 88 | 92 | 93 | 93 | 89 | 87 | 83 | 83 | 82 | 82 | 87 | 81 | 80 | 81 | 84 | 87 | 88 | 82 | 80 | 84.5 |
| | MIN | 70 | 69 | 64 | 63 | 52 | 57 | 56 | 60 | 58 | 57 | 62 | 61 | 61 | 63 | 65 | 66 | 70 | 60 | 52 | 61 | 67 | 52 | 64 | 58 | 51 | 56 | 60 | 60 | 60 | 63 | 65 | 60.7 |
| CANOE BROOK | MAX | 82 | 87 | 91 | 88 | 80 | 79 | 84 | 85 | 86 | 86 | 82 | 82 | 90 | 92 | 93 | 85 | 90 | 87 | 85 | 84 | 85 | 83 | 83 | 83 | 80 | 84 | 85 | 87 | 91 | 86 | 81 | 85.4 |
| | MIN | 70 | 67 | 61 | 62 | 60 | 59 | 57 | 63 | 64 | 58 | 62 | 60 | 63 | 62 | 62 | 66 | 70 | 57 | 54 | 60 | 67 | 51 | 58 | 55 | 54 | 58 | 59 | 61 | 63 | 62 | 63 | 60.9 |
| CHARLOTTEBURG | MAX | 77 | 80 | 87 | 83 | 77 | 77 | 80 | 84 | 83 | 85 | 83 | 83 | 87 | 88 | 89 | 89 | 88 | 86 | 80 | 80 | 80 | 79 | 80 | 79 | 77 | 80 | 83 | 86 | 86 | 80 | 78 | 82.4 |
| | MIN | 69 | 66 | 58 | 58 | 55 | 57 | 56 | 58 | 56 | 57 | 56 | 57 | 59 | 60 | 62 | 63 | 64 | 60 | 50 | 51 | 60 | 49 | 53 | 56 | 50 | 51 | 54 | 57 | 59 | 61 | 61 | 57.5 |
| CRANFORD | MAX | 89 | 91 | 89 | 84 | 81 | 83 | 86 | 88 | 87 | 83 | 83 | 89 | 92 | 91 | 91 | 90 | 88 | 86 | 85 | 84 | 83 | 84 | 82 | 80 | 84 | 87 | 89 | 91 | 89 | 86 | 79 | 86.3 |
| | MIN | 70 | 69 | 63 | 65 | 63 | 60 | 60 | 62 | 61 | 61 | 65 | 62 | 64 | 65 | 67 | 66 | 72 | 59 | 56 | 68 | 69 | 55 | 67 | 58 | 55 | 59 | 63 | 64 | 72 | 65 | 71 | 63.7 |
| ESSEX FELLS SERV BLDG | MAX | 80 | 87 | 90 | 87 | 78 | 79 | 81 | 84 | 86 | 85 | 85 | 84 | 88 | 91 | 92 | 92 | 92 | 89 | 85 | 82 | 84 | 83 | 84 | 81 | 80 | 82 | 86 | 88 | 90 | 84 | 81 | 85.2 |
| | MIN | 70 | 68 | 61 | 60 | 55 | 56 | 58 | 60 | 60 | 60 | 60 | 53 | 57 | 62 | 65 | 67 | 70 | 52 | 52 | 65 | 66 | 52 | 63 | 53 | 52 | 56 | 58 | 61 | 68 | 62 | 69 | 60.4 |
| FLEMINGTON 1 NE | MAX | 83 | 89 | 90 | 87 | 70 | 79 | 83 | 84 | 86 | 87 | 82 | 83 | 89 | 90 | 91 | 91 | 92 | 88 | 85 | 81 | 85 | 81 | 82 | 82 | 79 | 82 | 85 | 88 | 90 | 87 | 83 | 85.0 |
| | MIN | 71 | 69 | 61 | 63 | 56 | 56 | 56 | 58 | 58 | 58 | 58 | 60 | 59 | 62 | 64 | 64 | 64 | 55 | 53 | 63 | 69 | 49 | 50 | 54 | 52 | 56 | 57 | 59 | 60 | 62 | 62 | 59.3 |
| HIGH POINT PARK | MAX | 74 | 84 | 83 | 80 | 73 | 73 | 76 | 79 | 85 | 82 | 81 | 77 | 83 | 86 | 86 | 87 | 85 | 83 | 79 | 78 | 77 | 76 | 78 | 75 | 75 | 77 | 80 | 81 | 84 | 75 | 72 | 79.5 |
| | MIN | 68 | 64 | 58 | 54 | 52 | 55 | 56 | 56 | 57 | 59 | 59 | 56 | 62 | 63 | 64 | 66 | 67 | 54 | 53 | 64 | 59 | 51 | 57 | 51 | 52 | 56 | 63 | 58 | 61 | 56 | 56 | 58.3 |
| JERSEY CITY | MAX | 85 | 90 | 87 | 81 | 76 | 81 | 84 | 87 | 82 | 85 | 82 | 90 | 93 | 90 | 90 | 91 | 86 | 87 | 82 | 80 | 85 | 80 | 81 | 80 | 83 | 84 | 90 | 92 | 87 | 76 | 78 | 84.7 |
| | MIN | 73 | 73 | 70 | 69 | 59 | 63 | 67 | 68 | 68 | 66 | 70 | 68 | 72 | 72 | 71 | 74 | 74 | 66 | 64 | 70 | 70 | 62 | 68 | 64 | 61 | 68 | 68 | 69 | 74 | 70 | 65 | 68.3 |
| LAMBERTVILLE | MAX | 90 | 91 | 89 | 83 | 81 | 84 | 87 | 88 | 90 | 85 | 85 | 91 | 91 | 92 | 93 | 92 | 88 | 88 | 85 | 87 | 85 | 86 | 84 | 82 | 85 | 87 | 90 | 92 | 90 | 85 | 82 | 87.4 |
| | MIN | 71 | 70 | 63 | 62 | 58 | 58 | 58 | 62 | 61 | 59 | 63 | 60 | 63 | 63 | 65 | 66 | 71 | 57 | 56 | 70 | 66 | 51 | 67 | 56 | 57 | 60 | 60 | 64 | 70 | 64 | 72 | 62.7 |
| LAYTON 2 | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | MAX | 82 | 88 | 91 | 88 | 82 | 79 | 83 | 84 | 86 | 86 | 84 | 81 | 90 | 92 | 92 | 92 | 92 | 90 | 86 | 85 | 84 | 85 | 83 | 83 | 83 | 84 | 83 | 89 | 91 | 85 | 81 | 85.9 |
| | MIN | 70 | 68 | 62 | 62 | 60 | 58 | 65 | 63 | 62 | 61 | 65 | 60 | 64 | 65 | 67 | 67 | 71 | 59 | 56 | 67 | 68 | 55 | 64 | 58 | 57 | 59 | 63 | 65 | 70 | 65 | 68 | 63.4 |
| LONG VALLEY | MAX | 76 | 85 | 86 | 82 | 77 | 77 | 79 | 82 | 84 | 83 | 80 | 81 | 87 | 89 | 88 | 89 | 88 | 85 | 83 | 80 | 80 | 80 | 81 | 81 | 77 | 80 | 82 | 83 | 85 | 82 | 78 | 82.3 |
| | MIN | 67 | 64 | 60 | 60 | 55 | 49 | 49 | 55 | 52 | 56 | 50 | 58 | 58 | 58 | 62 | 62 | 65 | 55 | 50 | 52 | 65 | 49 | 50 | 53 | 46 | 47 | 50 | 57 | 57 | 58 | 60 | 55.8 |
| MORRIS PLAINS 1 W | MAX | 81 | 88 | 90 | 87 | 80 | 79 | 83 | 85 | 87 | 87 | 84 | 82 | 89 | 92 | 92 | 92 | 91 | 90 | 86 | 83 | 83 | 83 | 83 | 83 | 80 | 84 | 86 | 88 | 90 | 84 | 81 | 85.6 |
| | MIN | 70 | 67 | 60 | 62 | 60 | 56 | 56 | 60 | 57 | 57 | 62 | 59 | 61 | 62 | 64 | 65 | 68 | 56 | 52 | 57 | 66 | 53 | 56 | 54 | 51 | 54 | 58 | 60 | 63 | 62 | 62 | 59.7 |
| NEWARK WB AIRPORT | MAX | 89 | 92 | 89 | 82 | 79 | 82 | 84 | 85 | 85 | 83 | 84 | 90 | 93 | 90 | 92 | 93 | 87 | 85 | 84 | 84 | 84 | 83 | 82 | 80 | 84 | 85 | 90 | 91 | 85 | 79 | 78 | 85.6 |
| | MIN | 74 | 73 | 70 | 69 | 66 | 65 | 67 | 70 | 68 | 68 | 70 | 67 | 72 | 72 | 72 | 72 | 73 | 65 | 66 | 72 | 70 | 65 | 69 | 63 | 64 | 67 | 68 | 71 | 73 | 70 | 64 | 63.9 |
| NEWTON | MAX | 80 | 89 | 88 | 85 | 78 | 79 | 83 | 82 | 83 | 87 | 84 | 82 | 88 | 89 | 90 | 91 | 91 | 85 | | | | | | | | | | | | | | |
| | MIN | 70 | 65 | 57 | 59 | 52 | 52 | 54 | 59 | 56 | 53 | 59 | 57 | 58 | 58 | 65 | 60 | 61 | 54 | 48 | 58 | 61 | 55 | 57 | 51 | 48 | 51 | 56 | 57 | 62 | 62 | 64 | 57.4 |
| PATERSON | MAX | 84 | 88 | 93 | 91 | 83 | 78 | 83 | 85 | 88 | 87 | 86 | 83 | 91 | 94 | 95 | 95 | 95 | 91 | 87 | | 83 | 86 | 85 | 82 | 80 | 84 | 89 | 91 | 93 | 86 | 82 | 87.3 |
| | MIN | 72 | 72 | 67 | 64 | 63 | 61 | 63 | 65 | 63 | 64 | 67 | 65 | 69 | 68 | 71 | 72 | 74 | 63 | 60 | 66 | 71 | 60 | 66 | 60 | 58 | 63 | 67 | 65 | 72 | 67 | 69 | 66.0 |
| PHILLIPSBURG | MAX | 79 | 90 | 90 | 87 | 80 | 81 | 84 | 85 | 88 | 88 | 84 | 83 | 90 | 91 | 93 | 92 | 92 | 90 | 87 | 83 | 86 | 84 | 84 | 83 | 81 | 83 | 86 | 89 | 90 | 88 | 83 | 86.3 |
| | MIN | 71 | 66 | 62 | 59 | 56 | 57 | 58 | 58 | 59 | 60 | 59 | 59 | 62 | 61 | 61 | 64 | 65 | 56 | 54 | 56 | 66 | 49 | 50 | 56 | 54 | 54 | 56 | 58 | 62 | 62 | 62 | 59.1 |
| PLAINFIELD | MAX | 89 | 92 | 89 | 82 | 80 | 83 | 85 | 89 | 88 | 83 | 85 | 91 | 93 | 93 | 93 | 93 | 88 | 87 | 84 | 85 | 84 | 85 | 80 | 82 | 84 | 88 | 90 | 91 | 86 | 83 | 80 | 86.6 |
| | MIN | 71 | 69 | 63 | 62 | 61 | 61 | 60 | 62 | 61 | 61 | 65 | 62 | 65 | 65 | 67 | 67 | 70 | 59 | 57 | 68 | 65 | 55 | 67 | 58 | 55 | 59 | 62 | 64 | 70 | 65 | 71 | 63.5 |
| SOMERVILLE 3 NW | MAX | 84 | 89 | 90 | 87 | 80 | 81 | 83 | 84 | 89 | 88 | 82 | 83 | 89 | 91 | 93 | 92 | 91 | 87 | 85 | 82 | 85 | 82 | 82 | 81 | 80 | 83 | 85 | 88 | 89 | 85 | 82 | 85.5 |
| | MIN | 70 | 67 | 61 | 61 | 59 | 58 | 59 | 60 | 60 | 59 | 59 | 59 | 61 | 62 | 62 | 64 | 65 | 56 | 53 | 55 | 68 | 51 | 53 | 55 | 53 | 53 | 57 | 58 | 63 | 62 | 63 | 59.5 |
| SUSSEX 1 SE | MAX | 80 | 88 | 88 | 85 | 78 | 77 | 79 | 84 | 83 | 86 | 84 | 81 | 88 | 91 | 89 | 90 | 91 | 89 | 84 | 84 | 81 | 81 | 83 | 78 | 79 | 81 | 83 | 87 | 88 | 83 | 80 | 84.0 |
| | MIN | 68 | 62 | 54 | 53 | 49 | 53 | 51 | 52 | 52 | 53 | 53 | 54 | 55 | 56 | 56 | 59 | 61 | 50 | 45 | 58 | 62 | 42 | 48 | 49 | 46 | 46 | 49 | 54 | 56 | 53 | 58 | 53.5 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 88 | 90 | 87 | 79 | 79 | 78 | 82 | 85 | 81 | 76 | 82 | 90 | 90 | 89 | 89 | 90 | 92 | 85 | 82 | 84 | 82 | 79 | 81 | 79 | 80 | 80 | 88 | 90 | 90 | 82 | 82 | 84.2 |
| | MIN | 74 | 70 | 65 | 60 | 58 | 59 | 59 | 64 | 61 | 63 | 63 | 63 | 69 | 69 | 66 | 71 | 68 | 62 | 60 | 72 | 57 | 55 | 69 | 60 | 57 | 58 | 63 | 70 | 67 | 65 | 54 | 63.6 |
| AUDUBON | MAX | 92 | 91 | 90 | 82 | 84 | 84 | 87 | 89 | 88 | 81 | 84 | 90 | 92 | 93 | 92 | 93 | 90 | 88 | 83 | 89 | 86 | 87 | 80 | 82 | 87 | 88 | 91 | 92 | 90 | 88 | 82 | 87.6 |
| | MIN | 71 | 73 | 68 | 65 | 61 | 64 | 61 | 64 | 62 | 65 | 67 | 64 | 68 | 69 | 68 | 69 | 72 | 60 | 63 | 70 | 69 | 56 | 69 | 60 | 60 | 64 | 64 | 68 | 70 | 68 | 65 | 65.7 |
| BELLEPLAIN ST FOREST | MAX | 92 | 93 | 88 | 85 | 82 | 82 | 83 | 86 | 84 | 81 | 84 | 90 | 92 | 91 | 89 | 92 | 92 | 87 | 87 | 90 | 88 | 86 | 84 | 83 | 85 | 85 | 90 | 92 | 93 | 91 | 86 | 87.5 |
| | MIN | 73 | 73 | 62 | 62 | 54 | 57 | 55 | 54 | 58 | 60 | 67 | 59 | 68 | 66 | 65 | 66 | 75 | 56 | 60 | 70 | 70 | 50 | 65 | 59 | 56 | 60 | 58 | 68 | 69 | 64 | 71 | 62.9 |
| BURLINGTON | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHATSWORTH | MAX | 89 | 91 | 90 | 85 | 84 | 81 | 84 | 87 | 86 | 83 | 81 | | 90 | 90 | 89 | 90 | 90 | 85 | 85 | 87 | 86 | 85 | 82 | 81 | 85 | 85 | 91 | 92 | 91 | 89 | 87 | 86.7 |
| | MIN | 73 | 73 | 63 | 60 | 55 | 58 | 56 | 60 | 58 | 62 | 66 | | 60 | 66 | 63 | 65 | 70 | 58 | 57 | 68 | 68 | 52 | 65 | 58 | 54 | 58 | 58 | 66 | 68 | 65 | 72 | 62.5 |
| FREEHOLD | MAX | 82 | 86 | 90 | 85 | 79 | 78 | 82 | 84 | 88 | 87 | 81 | 80 | 87 | 92 | 91 | 91 | 89 | 89 | 84 | 82 | 86 | 82 | 83 | 77 | 77 | 84 | 85 | 88 | 91 | 86 | 85 | 84.9 |
| | MIN | 70 | 69 | 65 | 65 | 59 | 59 | 59 | 62 | 61 | 61 | 66 | 60 | 65 | 64 | 65 | 66 | 72 | 58 | 56 | 66 | 69 | 52 | 65 | 57 | 55 | 60 | 61 | 64 | 70 | 64 | 70 | 63.1 |
| GLASSBORO | MAX | 90 | 90 | 89 | 87 | 79 | 82 | 82 | 84 | 86 | 87 | 81 | 83 | 90 | 92 | 92 | 90 | 92 | 90 | 86 | 84 | 89 | 85 | 87 | 80 | 81 | 84 | 86 | 90 | 93 | 90 | 88 | 86.7 |
| | MIN | 74 | 72 | 68 | 69 | 60 | 64 | 60 | 66 | 64 | 63 | 66 | 64 | 68 | 69 | 65 | 70 | 72 | 59 | 63 | 59 | 70 | 53 | 66 | 64 | 60 | 64 | 63 | 68 | 70 | 68 | 68 | 65.5 |
| HAMMONTON 2 NNE | MAX | 89 | 92 | 92 | 90 | 79 | 88 | 83 | 86 | 88 | 82 | 79 | 79 | 90 | 92 | 91 | 90 | 93 | 91 | 87 | 82 | 90 | 85 | 88 | 86 | 82 | 87 | 85 | 93 | 95 | 91 | 93 | 87.7 |
| | MIN | 70 | 71 | 65 | 64 | 57 | 59 | 59 | 63 | 60 | 61 | 62 | 62 | 66 | 66 | 64 | 68 | 72 | 59 | 58 | 64 | 68 | 55 | 60 | 58 | 59 | 60 | 62 | 66 | 68 | 66 | 64 | 63.1 |
| HIGHTSTOWN 1 N | MAX | 89 | 90 | 89 | 80 | 79 | 83 | 86 | 88 | 88 | 82 | 81 | 90 | 92 | 92 | 93 | 92 | 91 | 86 | 83 | 89 | 83 | 86 | 79 | 79 | 85 | 85 | 89 | 92 | 87 | 85 | 79 | 86.2 |
| | MIN | 71 | 69 | 63 | 63 | 60 | 58 | 57 | 61 | 59 | 60 | 67 | 59 | 64 | 63 | 65 | 67 | 73 | 57 | 55 | 70 | 67 | 51 | 67 | 57 | 56 | 61 | 62 | 64 | 70 | 64 | 71 | 62.9 |
| INDIAN MILLS 2 W | MAX | 90 | 90 | 89 | 79 | 80 | 84 | 86 | 87 | 87 | 82 | 83 | 89 | 92 | 92 | 90 | 91 | 89 | 85 | 82 | 88 | 83 | 85 | 81 | 80 | 85 | 85 | 91 | 92 | 90 | 87 | 82 | 86.3 |
| | MIN | 71 | 70 | 61 | 64 | 54 | 58 | 56 | 62 | 58 | 60 | 65 | 59 | 63 | 64 | 62 | 66 | 70 | 55 | 56 | 68 | 68 | 47 | 69 | 56 | 54 | 58 | 59 | 64 | 69 | 64 | 68 | 61.9 |
| MILLVILLE FAA AIRPORT | MAX | 91 | 91 | 87 | 78 | 81 | 81 | 87 | 85 | 86 | 79 | 83 | 89 | 90 | 91 | 88 | 89 | 92 | 88 | 81 | 89 | 84 | 85 | 82 | 80 | 85 | 84 | 90 | 91 | 91 | 87 | 83 | 86.1 |
| | MIN | 75 | 73 | 67 | 62 | 61 | 62 | 61 | 65 | 63 | 65 | 66 | 66 | 69 | 68 | 65 | 68 | 68 | 60 | 65 | 70 | 60 | 57 | 71 | 62 | 60 | 63 | 64 | 70 | 71 | 70 | 58 | 65.3 |
| MOORESTOWN | MAX | 87 | 90 | 90 | 87 | 80 | 80 | 84 | 86 | 84 | 86 | 82 | 87 | 89 | 88 | 88 | 89 | 90 | 91 | 85 | 81 | 87 | 83 | 83 | | 81 | 85 | 87 | 90 | 90 | 89 | 85 | 86.1 |
| | MIN | 71 | 71 | 66 | 65 | 57 | 59 | 58 | 64 | 60 | 63 | 65 | 64 | 67 | 64 | 66 | 69 | 73 | 57 | 59 | 69 | 69 | 52 | 67 | 58 | 57 | 59 | 63 | 65 | 72 | 66 | 63 | 63.8 |
| NEW BRUNSWICK | MAX | 85 | 88 | 89 | 86 | 80 | 78 | 83 | 84 | 87 | 85 | 80 | 82 | 87 | 91 | 91 | 91 | 90 | 87 | 83 | 82 | 86 | 82 | 82 | 81 | 79 | 83 | 84 | 86 | 90 | 86 | 83 | 84.9 |
| | MIN | 70 | 70 | 66 | 64 | 63 | 62 | 61 | 63 | 62 | 61 | 65 | 64 | 66 | 66 | 68 | 68 | 71 | 62 | 58 | 66 | 68 | 55 | 66 | 59 | 58 | 62 | 63 | 64 | 70 | 66 | 69 | 64.4 |
| PEMBERTON 3 E | MAX | 90 | 91 | 90 | 81 | 80 | 83 | 87 | 87 | 85 | 79 | 82 | 90 | 93 | 92 | 94 | 93 | 93 | 89 | 86 | 88 | 85 | 86 | 81 | 82 | 87 | 88 | 91 | 92 | 91 | 88 | 83 | 87.3 |
| | MIN | 70 | 70 | 63 | 65 | 56 | 57 | 57 | 59 | 58 | 62 | 67 | 58 | 64 | 62 | 64 | 64 | 69 | 55 | 55 | 69 | 69 | 48 | 67 | 57 | 55 | 58 | 60 | 63 | 69 | 65 | 72 | 62.2 |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEABROOK FARMS | MAX | 87 | 90 | 91 | 89 | 80 | 81 | 83 | 86 | 88 | 85 | 80 | 83 | 90 | 92 | 90 | 90 | 92 | 92 | 87 | 82 | 89 | 84 | 86 | 80 | 82 | 86 | 83 | 91 | 96 | 91 | 88 | 86.9 |
| | MIN | 74 | 74 | 67 | 65 | 59 | 61 | 60 | 63 | 63 | 64 | 67 | 65 | 69 | 68 | 65 | 69 | 75 | 59 | 64 | 69 | 70 | 53 | 59 | 60 | 59 | 62 | 62 | 68 | 70 | 64 | 64 | 64.9 |
| SHILOH | MAX | 92 | 91 | 90 | 85 | 82 | 83 | 86 | 87 | 85 | 81 | 83 | 90 | 91 | 91 | 90 | 91 | 92 | 87 | 86 | 88 | 83 | 85 | 82 | 82 | 87 | 86 | 91 | 90 | 93 | 91 | 85 | 87.3 |
| | MIN | 71 | 74 | 67 | 64 | 60 | 61 | 61 | 63 | 63 | 63 | 65 | 64 | 68 | 67 | 65 | 69 | 71 | 61 | 63 | 65 | 68 | 57 | 70 | 60 | 60 | 63 | 64 | 66 | 67 | 65 | 68 | 64.9 |
| TOMS RIVER | MAX | 86 | 90 | 91 | 91 | 82 | 80 | 81 | 84 | 85 | 85 | 82 | 80 | 89 | 90 | 90 | 90 | 91 | 92 | 86 | 82 | 87 | 84 | 82 | 82 | 80 | 82 | 82 | 90 | 92 | 87 | 82 | 85.7 |
| | MIN | 73 | 71 | 63 | 66 | 57 | 58 | 58 | 61 | 58 | 60 | 68 | 58 | 65 | 64 | 67 | 66 | 72 | 57 | 58 | 63 | 68 | 52 | 57 | 58 | 55 | 59 | 60 | 64 | 67 | 65 | 66 | 62.4 |
| TRENTON WB CITY | MAX | 89 | 89 | 89 | 79 | 78 | 83 | 86 | 86 | 84 | 81 | 81 | 89 | 93 | 92 | 90 | 90 | 88 | 85 | 80 | 86 | 83 | 83 | 78 | 79 | 83 | 84 | 90 | 91 | 87 | 83 | 78 | 85.1 |
| | MIN | 73 | 73 | 70 | 65 | 66 | 63 | 65 | 68 | 66 | 65 | 68 | 67 | 71 | 71 | 70 | 71 | 71 | 66 | 64 | 71 | 66 | 61 | 68 | 62 | 64 | 66 | 66 | 70 | 72 | 70 | 62 | 67.5 |
| TUCKERTON | MAX | 87 | 93 | 90 | 81 | 79 | 79 | 82 | 86 | 82 | 77 | 81 | 90 | 89 | 91 | 88 | 88 | 91 | 86 | 82 | 85 | 87 | 82 | 81 | 82 | 83 | 82 | 92 | 94 | 92 | 84 | 86 | 85.5 |
| | MIN | 74 | 78 | 65 | 66 | 57 | 58 | 58 | 65 | 68 | 62 | 69 | 57 | 68 | 67 | 65 | 71 | 68 | 59 | 59 | 72 | 69 | 54 | 69 | 59 | 57 | 60 | 61 | 70 | 70 | 66 | 74 | 65.0 |
| WOODSTOWN | MAX | 91 | 91 | 90 | 81 | 83 | 84 | 87 | 88 | 86 | 80 | 83 | 90 | 91 | 90 | 91 | 92 | 91 | 88 | 87 | 90 | 85 | 85 | 82 | 82 | 86 | 88 | 90 | 92 | 91 | 89 | 85 | 87.4 |
| | MIN | 67 | 72 | 61 | 63 | 58 | 63 | 58 | 60 | 60 | 60 | 67 | 62 | 63 | 66 | 62 | 60 | 71 | 57 | 60 | 66 | 67 | 49 | 65 | 58 | 53 | 59 | 61 | 66 | 67 | 60 | 71 | 62.3 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 81 | 88 | 84 | 77 | 78 | 78 | 84 | 84 | 79 | 76 | 78 | 87 | 80 | 82 | 83 | 80 | 82 | 79 | 78 | 79 | 82 | 78 | 79 | 80 | 80 | 79 | 88 | 84 | 90 | 78 | 82 | 81.2 |
| | MIN | 74 | 73 | 68 | 68 | 63 | 65 | 64 | 68 | 68 | 71 | 68 | 67 | 72 | 72 | 71 | 73 | 70 | 66 | 68 | 72 | 68 | 61 | 71 | 64 | 64 | 68 | 68 | 73 | 73 | 71 | 65 | 68.6 |
| CAPE MAY 1 NW | MAX | 83 | 89 | 88 | 86 | 78 | 80 | 79 | 83 | 85 | 83 | 80 | 82 | 90 | 85 | 85 | 85 | 84 | 88 | 85 | 83 | 86 | 82 | 82 | 85 | 81 | 81 | 81 | 89 | 90 | 90 | 83 | 84.2 |
| | MIN | 71 | 71 | 70 | 70 | 59 | 63 | 61 | 64 | 63 | 64 | 67 | 65 | 70 | 67 | 68 | 69 | 74 | 63 | 67 | 68 | 70 | 58 | 61 | 63 | 63 | 62 | 65 | 68 | 72 | 70 | 73 | 66.4 |
| LONG BRANCH 2 S | MAX | 85 | 88 | 89 | 83 | 78 | 80 | 83 | 83 | 83 | 80 | 81 | 88 | 86 | 86 | 87 | 91 | 87 | 86 | 81 | 83 | 82 | 79 | 79 | 79 | 82 | 81 | 88 | 90 | 85 | 81 | 80 | 83.7 |
| | MIN | 73 | 70 | 66 | 68 | 63 | 62 | 61 | 65 | 62 | 64 | 69 | 62 | 69 | 67 | 69 | 70 | 74 | 61 | 59 | 73 | 70 | 57 | 70 | 59 | 59 | 64 | 65 | 68 | 72 | 66 | 72 | 66.1 |
| SANDY HOOK | MAX | 83 | 86 | 86 | 84 | 83 | 80 | 82 | 84 | 82 | 78 | 79 | 86 | 87 | 88 | 86 | 88 | 83 | 87 | 87 | 83 | 84 | 85 | 75 | 79 | 79 | 78 | 84 | 84 | 85 | 82 | 78 | 83.1 |
| | MIN | 71 | 73 | 71 | 68 | 67 | 66 | 66 | 68 | 68 | 68 | 69 | 68 | 70 | 71 | 72 | 72 | 74 | 69 | 66 | 74 | 70 | 65 | 70 | 64 | 67 | 68 | 68 | 69 | 74 | 68 | 73 | 69.3 |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent | | | | Number of days with precipitation | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | Standard of Time EASTERN 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | Percent of Possible sunshine | Average sky cover sunrise to sunset |
| ATLANTIC CITY WB AIRPORT | 24 | 3.4 | 8.6 | 23++ | 17 | 08 | 89 | 88 | 55 | 74 | 4 | 3 | 1 | 1 | 1 | 0 | 10 | 63 | 4.8 |
| ATLANTIC CITY ST. MARINA | - | - | - | 26 | NW | 31+ | - | - | - | - | 0 | 3 | 4 | 0 | 0 | 0 | 7 | - | - |
| NEWARK WB AIRPORT | 26 | 2.8 | 9.1 | 32++ | 30 | 31 | 73 | 73 | 50 | 57 | 1 | 4 | 3 | 0 | 2 | 0 | 10 | - | 5.2 |
| TRENTON WB CITY | - | - | - | 27 | NW | 31 | - | - | - | - | 5 | 5 | 1 | 1 | 1 | 0 | 13 | 66 | 4.9 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 88 | 83 | 91 | 86 | 82 | 87 | 85 | 85 | 86 | 82 | 84 | 88 | 92 | 92 | 93 | 92 | 91 | 90 | 85 | 86 | 85 | 89 | 82 | 85 | 86 | 88 | 89 | 90 | 88 | 86 | 72 | 86.7 |
| | | MIN | 77 | 78 | 75 | 75 | 73 | 71 | 71 | 72 | 72 | 71 | 73 | 71 | 73 | 74 | 75 | 77 | 76 | 70 | 69 | 74 | 70 | 66 | 73 | 69 | 68 | 70 | 72 | 72 | 75 | 72 | 69 | 72.4 |
| | 2 | MAX | 86 | 80 | 89 | 84 | 80 | 84 | 82 | 84 | 84 | 81 | 82 | 85 | 88 | 87 | 89 | 89 | 86 | 87 | 81 | 83 | 84 | 85 | 80 | 83 | 83 | 84 | 85 | 86 | 85 | 84 | 81 | 84.2 |
| | | MIN | 77 | 78 | 76 | 76 | 74 | 72 | 72 | 73 | 73 | 72 | 74 | 72 | 73 | 75 | 75 | 78 | 77 | 72 | 70 | 74 | 72 | 68 | 74 | 70 | 69 | 71 | 72 | 73 | 75 | 74 | 71 | 73.3 |
| | 4 | MAX | 83 | 84 | 87 | 87 | 80 | 77 | 82 | 81 | 83 | 82 | 80 | 80 | 82 | 85 | 84 | 85 | 86 | 84 | 84 | 79 | 80 | 82 | 79 | 80 | 81 | 82 | 83 | 83 | 83 | 82 | 80 | 82.3 |
| | | MIN | 77 | 77 | 77 | 78 | 75 | 73 | 73 | 73 | 76 | 75 | 73 | 73 | 73 | 75 | 76 | 76 | 76 | 73 | 72 | 72 | 75 | 70 | 73 | 71 | 71 | 72 | 73 | 74 | 76 | 74 | 73 | 74.0 |
| | 8 | MAX | 79 | 80 | 81 | 82 | 79 | 77 | 78 | 78 | 79 | 79 | 77 | 77 | 78 | 79 | 79 | 80 | 81 | 80 | 79 | 77 | 76 | 77 | 76 | 76 | 77 | 77 | 78 | 78 | 78 | 78 | 77 | 78.3 |
| | | MIN | 77 | 77 | 77 | 78 | 76 | 74 | 73 | 74 | 74 | 76 | 74 | 74 | 73 | 75 | 76 | 76 | 77 | 75 | 74 | 74 | 75 | 72 | 73 | 73 | 72 | 73 | 74 | 75 | 76 | 75 | 75 | 74.7 |
| | 20 | MAX | 75 | 75 | 75 | 76 | 75 | 75 | 74 | 74 | 74 | 75 | 74 | 74 | 74 | 74 | 75 | 75 | 75 | 75 | 75 | 74 | 74 | 74 | 74 | 74 | 73 | 74 | 74 | 74 | 74 | 74 | 74 | 74.4 |
| | | MIN | 75 | 75 | 75 | 75 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 73 | 74 | 74 | 74 | 74 | 75 | 74 | 74 | 74 | 74 | 73 | 73 | 73 | 73 | 73 | 73 | 74 | 74 | 74 | 74 | 73.9 |
| | 40 | MAX | 71 | 71 | 71 | 72 | 72 | 72 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 72 | 72 | 72 | 71 | 71 | 72 | 72 | 72 | 71 | 71 | 71 | 71 | 71 | 72 | 72 | 71.4 |
| | | MIN | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71.0 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 89 | 93 | 91 | 86 | 82 | 95 | 89 | 99 | 95 | 90 | 94 | 98 | 103 | 101 | 102 | 102 | 97 | 98 | 90 | 91 | 84 | 92 | 84 | 84 | 87 | 91 | 95 | 96 | 97 | 95 | 92 | 93.0 |
| | | MIN | 76 | 76 | 71 | 70 | 71 | 67 | 68 | 69 | 70 | 70 | 73 | 69 | 72 | 73 | 74 | 73 | 76 | 68 | 68 | 75 | 67 | 63 | 71 | 65 | 64 | 67 | 69 | 71 | 74 | 72 | 70 | 70.4 |
| | 2 | MAX | 89 | 91 | 90 | 85 | 81 | 92 | 88 | 96 | 93 | 89 | 91 | 96 | 101 | 98 | 99 | 100 | 94 | 96 | 88 | 90 | 84 | 90 | 83 | 83 | 86 | 90 | 93 | 94 | 96 | 93 | 90 | 91.3 |
| | | MIN | 76 | 76 | 71 | 70 | 72 | 67 | 68 | 69 | 70 | 70 | 75 | 69 | 73 | 74 | 75 | 74 | 77 | 68 | 69 | 75 | 68 | 64 | 71 | 65 | 64 | 67 | 69 | 71 | 74 | 73 | 71 | 70.8 |
| | 4 | MAX | 84 | 87 | 85 | 82 | 78 | 84 | 83 | 89 | 88 | 84 | 85 | 89 | 92 | 90 | 91 | 92 | 88 | 89 | 83 | 84 | 83 | 84 | 80 | 79 | 81 | 84 | 86 | 88 | 89 | 87 | 86 | 85.6 |
| | | MIN | 77 | 78 | 74 | 74 | 74 | 70 | 71 | 72 | 73 | 73 | 77 | 73 | 75 | 77 | 77 | 77 | 79 | 72 | 73 | 76 | 72 | 68 | 73 | 69 | 68 | 70 | 71 | 74 | 76 | 75 | 76 | 73.7 |
| | 8 | MAX | 80 | 81 | 81 | 79 | 76 | 79 | 78 | 81 | 81 | 79 | 80 | 80 | 84 | 83 | 84 | 85 | 83 | 83 | 80 | 80 | 79 | 79 | 77 | 76 | 77 | 78 | 80 | 81 | 82 | 82 | 81 | 80.3 |
| | | MIN | 77 | 78 | 76 | 76 | 75 | 73 | 74 | 74 | 76 | 76 | 78 | 75 | 77 | 79 | 78 | 78 | 79 | 76 | 76 | 77 | 75 | 71 | 75 | 72 | 71 | 72 | 74 | 76 | 77 | 77 | 77 | 75.6 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# EVAPORATION AND WIND

| Station | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN | 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | | EVAP | - | .16 | .19 | .18 | .20 | .20 | .18 | .16 | .09 | .24 | .16 | .19 | .20 | .12 | .27 | .02 | .19 | .35 | .20 | .14 | .05 | .30 | .19 | .26 | .18 | .12 | .20 | .14 | .14 | .20 | .19 | 5.598 |
| | | WIND | 22 | 16 | 9 | 37 | 26 | 14 | 13 | 12 | 12 | 8 | 39 | 26 | 13 | 10 | 11 | 14 | 46 | 6 | 15 | 24 | 20 | 26 | 36 | 32 | 13 | 4 | 10 | 7 | 32 | 17 | 37 | 607 |
| | | MAX | 80 | 91 | 95 | 94 | 90 | 96 | 90 | 92 | 89 | 89 | 84 | 85 | 95 | 97 | 96 | 95 | 96 | 90 | 93 | 82 | 83 | 91 | 85 | 90 | 87 | 89 | 92 | 91 | 93 | 92 | 83 | 90.2 |
| | | MIN | 75 | 74 | 72 | 69 | 68 | 67 | 67 | 68 | 65 | 67 | 68 | 65 | 64 | 62 | 72 | 72 | 73 | 68 | 66 | 66 | 71 | 62 | 73 | 63 | 65 | 65 | 68 | 70 | 72 | 72 | 69 | 68.3 |
| * * * SOUTHERN | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | | EVAP | - | .14 | .33 | .27 | .29 | .10 | .23 | .17 | .24 | .11 | .30 | .21 | .27 | .26 | .09 | .29 | .29 | .22 | .26 | .16 | .14 | .30 | .31 | .14 | .24 | .19 | .21 | .23 | .24 | .31 | .16 | 6.928 |
| | | WIND | 44 | 49 | 45 | 81 | 46 | 24 | 30 | 32 | 27 | 22 | 50 | 57 | 55 | 30 | 36 | 36 | 73 | 54 | 43 | 43 | 53 | 49 | 58 | 50 | 44 | 36 | 48 | 40 | 80 | 45 | 59 | 1439 |
| | | MAX | 85 | 88 | 94 | 90 | 86 | 78 | 91 | 86 | 93 | 89 | 88 | 86 | 92 | 95 | 93 | 95 | 94 | 89 | 89 | 81 | 86 | 87 | 89 | 80 | 85 | 75 | 89 | 90 | 91 | 89 | 87 | 88.1 |
| | | MIN | 73 | 72 | 69 | 59 | 60 | 63 | 63 | 63 | 66 | 66 | 65 | 64 | 64 | 69 | 69 | 69 | 70 | 63 | 62 | 63 | 69 | 59 | 60 | 62 | 61 | 65 | 65 | 65 | 69 | 66 | 65 | 65.1 |
| PEMBERTON 3 E | | EVAP | .14 | .21 | .14 | .19 | .12 | .11 | .13 | .13 | .17 | .07 | .12 | .18 | .20 | .19 | .14 | .24 | .15 | .10 | .09 | .11 | .18 | .19 | .04 | .14 | .10 | .14 | .13 | .15 | .15 | .15 | .18 | 4.48 |
| | | WIND | 19 | 14 | 12 | 23 | 8 | 23 | 8 | 9 | 15 | 28 | 46 | 13 | 10 | 10 | 13 | 12 | 15 | 14 | 13 | 23 | 17 | 13 | 24 | 11 | 7 | 9 | 12 | 9 | 10 | 11 | 36 | 487 |
| SEABROOK FARMS | | EVAP | .18 | * | .52 | .34 | .28 | .15 | .27 | .21 | .21 | .21 | .17 | .20 | .32 | .14 | .26 | .17 | .28 | .18 | .27 | .14 | .21 | .10 | .40 | .12 | .20 | .24 | .11 | .25 | .25 | .31 | .25 | 6.94 |
| | | MAX | 89 | - | 95 | 90 | 87 | 81 | 89 | 90 | 90 | 90 | 81 | 88 | 93 | 94 | 88 | 90 | 94 | 88 | 90 | 81 | 91 | 89 | 90 | 78 | 89 | 87 | 80 | 91 | 96 | 92 | 89 | 88.7 |
| | | MIN | 75 | - | 68 | 67 | 64 | 62 | 63 | 65 | 67 | 67 | 66 | 66 | 67 | 70 | 68 | 69 | 71 | 62 | 66 | 69 | 70 | 60 | 59 | 65 | 64 | 65 | 64 | 65 | 63 | 65 | 64 | 65.9 |

# STATION INDEX

NEW JERSEY
AUGUST 1970

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES |  |  |  | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) |  |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 06 | 270 |  |  |  | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| *ATLANTIC CITY | R 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID |  | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P |  |  | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 |  | 9A |  | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P |  |  | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A |  | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 |  | 7A |  |  | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 |  | 7A |  |  | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A |  |  | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 |  | 7A |  |  | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P |  |  | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 |  | 8A |  |  | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A |  | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 |  | 9A |  |  | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A |  | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 |  |  |  | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A |  | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P |  |  | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 54 | 200 |  | 8A |  |  | ANDREW F DROPPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P |  |  | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A |  | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A |  | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 |  | 7A |  |  | JOHN LOPER |
| FREEHOLD | 3161 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A |  | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A |  | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 |  | 7A |  |  | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A |  |  | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A |  |  | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P |  | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P |  | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID |  |  | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P |  | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A |  |  | ROBERT WELSH |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A |  | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P |  | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A |  | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 |  |  |  | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 |  | 7A |  |  | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 |  |  |  | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 |  | 9A |  | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 |  | MID |  |  | RIDGEWOOD WATER CO. |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID |  | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 |  | 7A |  |  | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A |  | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A |  | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT | R 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 |  | MID |  | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A |  | C H | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 07 | 74 30 | 880 |  | 8A |  |  | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A |  | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A |  | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P |  | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 |  | 8A |  |  | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 |  | MID |  |  | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 |  | MID |  | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 |  | 10A |  |  | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P |  |  | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P |  |  | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A |  | H | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 |  | 10A |  |  | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 |  |  |  | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A |  |  | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A |  |  | TOMS RIVER WATER CO. |
| *TRENTON WB CITY | R 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID |  | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P |  |  | LAWRENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 |  | 8A |  | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 |  |  |  | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 |  | 7A |  |  | ROBERT M. MANNEKS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 |  | 7A |  |  | N.J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 |  | MID |  | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P |  |  | CREAM VALLEY DAIRY |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable

* Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

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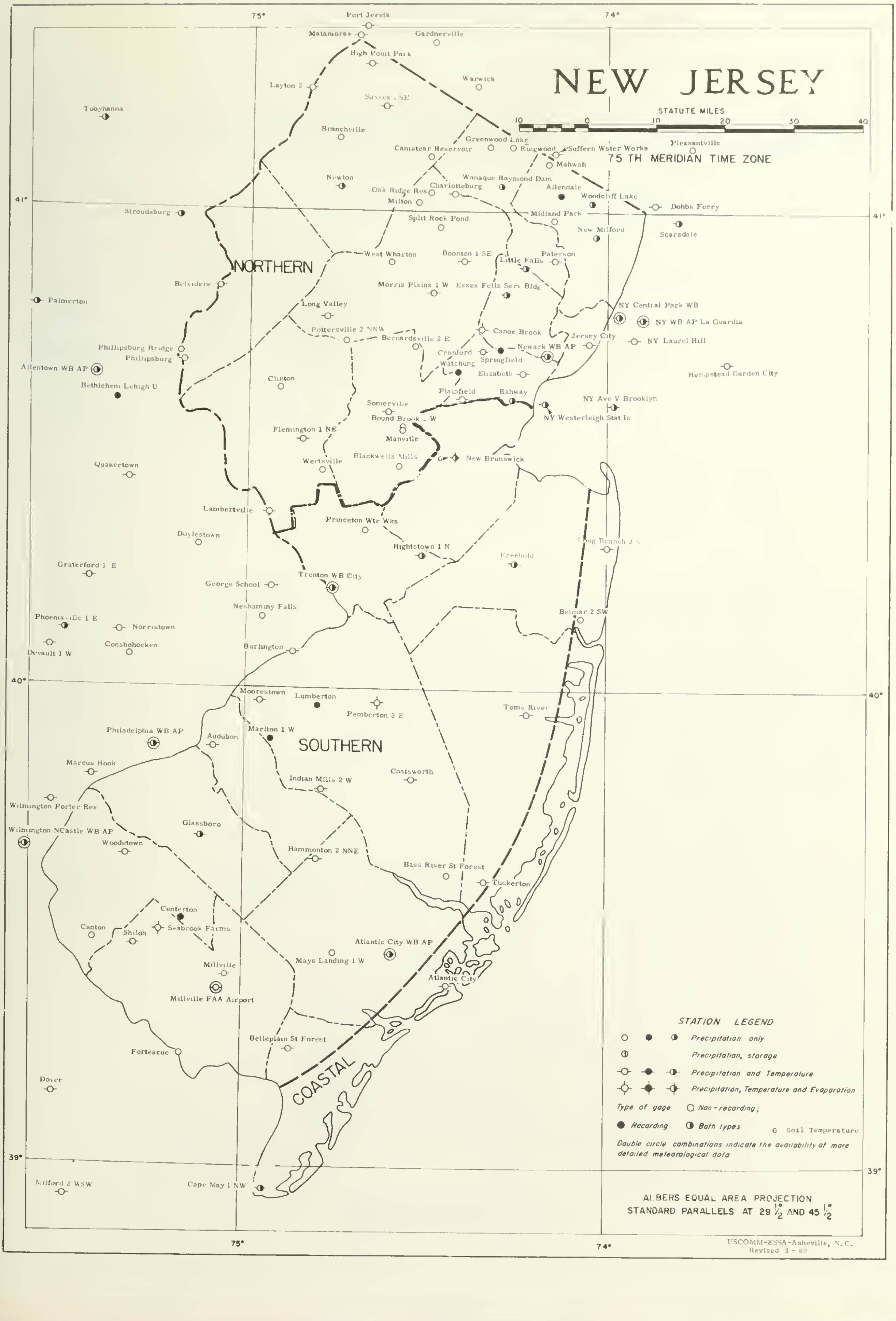
NEW JERSEY
STATUTE MILES
10 0 10 20 30 40
75 TH MERIDIAN TIME ZONE
75°
74°
41°
40°
39°
NORTHERN
SOUTHERN
COASTAL
Port Jervis
Matamoras
Gardnerville
High Point Park
Layton 2
Warwick
Sussex 1 SE
Tobyhanna
Branchville
Greenwood Lake
Canistear Reservoir
Ringwood
Suffern Water Works
Pleasantville
Mahwah
Newton
Wanaque Raymond Dam
Charlotteburg
Oak Ridge Res
Milton
Allendale
Woodcliff Lake
Dobbs Ferry
Stroudsburg
Midland Park
Split Rock Pond
New Milford
Scarsdale
West Wharton
Boonton 1 SE
Little Falls
Paterson
Belvidere
Morris Plains 1 W
Essex Fells Serv Bldg
Palmerton
Long Valley
NY Central Park WB
NY WB AP La Guardia
Pottersville 2 NNW
Bernardsville 2 E
Canoe Brook
Jersey City
NY Laurel Hill
Phillipsburg Bridge
Phillipsburg
Cranford
Newark WB AP
Springfield
Allentown WB AP
Watchung
Elizabeth
Hempstead Garden City
Clinton
Bethlehem Lehigh U
Plainfield
Rahway
NY Ave V Brooklyn
Somerville
NY Westerleigh Stat Is
Bound Brook 2 W
Flemington 1 NE
Manville
Blackwells Mills
New Brunswick
Quakertown
Wertsville
Lambertville
Princeton Wtr Wks
Doylestown
Long Branch 2 S
Hightstown 1 N
Freehold
Graterford 1 E
George School
Trenton WB City
Neshaminy Falls
Belmar 2 SW
Phoenixville 1 E
Norristown
Conshohocken
Devault 1 W
Burlington
Moorestown
Lumberton
Pemberton 3 E
Toms River
Philadelphia WB AP
Audubon
Marlton 1 W
Marcus Hook
Chatsworth
Indian Mills 2 W
Wilmington Porter Res
Glassboro
Wilmington NCastle WB AP
Woodstown
Hammonton 2 NNE
Bass River St Forest
Tuckerton
Centerton
Canton
Shiloh
Seabrook Farms
Atlantic City WB AP
Mays Landing 1 W
Millville
Atlantic City
Millville FAA Airport
Belleplain St Forest
Fortescue
Dover
Milford 2 WSW
Cape May 1 NW
STATION LEGEND
○ ● ◑ Precipitation only
⦶ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
-○- -●- -◑- Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording;
● Recording ◑ Both types
G Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
USCOMM-ESSA-Asheville, N.C.
Revised 3-69

551.05
UNNJ

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
SEPTEMBER 1970
Volume 75 No. 9

THE LIBRARY OF THE
NOV 24 1970
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 77.3 | 51.7 | 64.5 | - 1.5 | 93 | 24 | 39 | 30 | 95 | 5 | 0 | 0 | 0 | 2.32 | - 1.55 | 1.10 | 28 | .0 | 0 | | 4 | 2 | 1 |
| BOONTON 1 SE | 77.5M | 54.6M | 66.1M | 2.6 | 92 | 24 | 42 | 30 | 62 | 3 | 0 | 0 | 0 | 1.29 | - 3.06 | .32 | 28 | .0 | 0 | | 5 | 0 | 0 |
| CANOE BROOK | 79.4 | 54.3 | 66.9 | 2.7 | 95 | 24 | 41 | 30+ | 54 | 6 | 0 | 0 | 0 | 2.03 | - 2.29 | .98 | 28 | .0 | 0 | | 4 | 1 | 0 |
| CHARLOTTEBURG | 74.6 | 52.4 | 63.5 | 1.1 | 91 | 24 | 40 | 30 | 115 | 1 | 0 | 0 | 0 | 2.94 | - 1.47 | .98 | 4 | .0 | 0 | | 5 | 2 | 0 |
| CRANFORD | 80.4 | 57.6 | 69.0 | | 95 | 23 | 43 | 30 | 44 | 6 | 0 | 0 | 0 | 2.23 | | .85 | 27 | .0 | 0 | | 6 | 1 | 0 |
| ESSEX FELLS SERV BLDG | 79.2 | 54.5 | 66.9 | | 95 | 24 | 40 | 30+ | 59 | 6 | 0 | 0 | 0 | 1.66 | | .62 | 28 | .0 | 0 | | 5 | 1 | 0 |
| FLEMINGTON 1 NE | 79.5 | 52.2 | 65.9 | - .7 | 93 | 25+ | 40 | 29 | 80 | 6 | 0 | 0 | 0 | 2.24 | - 1.35 | .82 | 11 | .0 | 0 | | 5 | 2 | 0 |
| HIGH POINT PARK | 71.5 | 52.4 | 62.0 | | 87 | 24+ | 37 | 30 | 149 | 0 | 0 | 0 | 0 | 3.59 | | 1.34 | 19 | .0 | 0 | | 8 | 3 | 1 |
| JERSEY CITY | 77.3 | 61.7 | 69.5 | 2.6 | 95 | 23 | 48 | 30+ | 27 | 4 | 0 | 0 | 0 | 1.76 | - 2.05 | .77 | 27 | .0 | 0 | | 4 | 2 | 0 |
| LAMBERTVILLE | 82.5 | 56.7 | 69.6 | 3.4 | 95 | 23 | 43 | 30+ | 43 | 6 | 0 | 0 | 0 | 2.51 | - .78 | .86 | 26 | .0 | 0 | | 6 | 1 | 0 |
| LAYTON 2 | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | 79.0 | 56.4 | 67.7 | 1.9 | 96 | 24 | 42 | 30 | 51 | 6 | 0 | 0 | 0 | 1.49 | - 3.06 | .63 | 28 | .0 | 0 | | 4 | 1 | 0 |
| LONG VALLEY | 75.8 | 51.0 | 63.4 | | 89 | 24 | 39 | 29 | 107 | 0 | 0 | 0 | 0 | 2.09 | - 1.83 | .62 | 27 | .0 | 0 | | 7 | 1 | 0 |
| MORRIS PLAINS 1 W | 78.9 | 52.6 | 65.8 | | 94 | 24 | 40 | 30+ | 70 | 6 | 0 | 0 | 0 | 1.23 | | .30 | 28 | .0 | 0 | | 5 | 0 | 0 |
| NEWARK WB AIRPORT R | 78.9 | 62.2 | 70.6 | 3.3 | 94 | 23+ | 48 | 30+ | 24 | 5 | 0 | 0 | 0 | 1.83 | - 1.93 | .81 | 27 | .0 | 0 | | 4 | 2 | 0 |
| NEWTON | 76.0 | 50.6 | 63.3 | .3 | 92 | 24 | 38 | 29+ | 128 | 3 | 0 | 0 | 0 | 3.20 | - .79 | 1.17 | 28 | .0 | 0 | | 7 | 2 | 1 |
| PATERSON | 79.9 | 58.7 | 69.3 | 2.9 | 97 | 24 | 46 | 30+ | 34 | 7 | 0 | 0 | 0 | 1.84 | - 2.37 | .74 | 28 | .0 | 0 | | 6 | 1 | 0 |
| PHILLIPSBURG | 80.7 | 53.2 | 67.0 | 1.5 | 94 | 24+ | 41 | 30 | 52 | 6 | 0 | 0 | 0 | 2.76 | - 1.24 | .83 | 28 | .0 | 0 | | 5 | 3 | 0 |
| PLAINFIELD | 80.1 | 57.1 | 68.6 | 2.4 | 95 | 23 | 41 | 29 | 42 | 6 | 0 | 0 | 0 | 1.83 | - 2.50 | .57 | 27 | .0 | 0 | | 4 | 1 | 0 |
| SOMERVILLE 3 NW | 79.0 | 53.4 | 66.2 | .2 | 93 | 24 | 39 | 30+ | 70 | 6 | 0 | 0 | 0 | 2.50 | - 1.27 | .95 | 28 | .0 | 0 | | 4 | 3 | 0 |
| SUSSEX 1 SE | 76.1 | 46.9 | 61.5 | - 2.0 | 92 | 24 | 36 | 30+ | 155 | 2 | 0 | 0 | 0 | 4.47 | .55 | 1.76 | 19 | .0 | 0 | | 8 | 3 | 1 |
| DIVISION | | | 66.4 | 1.4 | | | | | | | | | | 2.29 | - 1.77 | | | .0 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 80.4 | 58.3 | 69.4 | 2.2 | 93 | 23 | 41 | 30 | 49 | 6 | 0 | 0 | 0 | .41 | - 2.90 | .36 | 27 | .0 | 0 | | 1 | 0 | 0 |
| AUDUBON | 83.4 | 60.1 | 71.8 | | 96 | 24+ | 43 | 30 | 24 | 9 | 0 | 0 | 0 | .81 | | .37 | 9 | .0 | 0 | | 3 | 0 | 0 |
| BELLEPLAIN ST FOREST | 85.1 | 57.6 | 71.4 | | 97 | 23 | 35 | 30 | 44 | 12 | 0 | 0 | 0 | 1.04 | - 2.82 | .81 | 27 | .0 | 0 | | 2 | 1 | 0 |
| BURLINGTON | 85.2M | 58.9M | 72.1M | 3.3 | 96 | 25+ | 44 | 30+ | 28 | | 0 | 0 | 0 | .46 | - 3.19 | .20 | 18 | .0 | 0 | | 3 | 0 | 0 |
| CHATSWORTH | 84.8M | 56.2M | 70.5M | | 97 | 23 | 36 | 30 | 49 | | 0 | 0 | 0 | 1.47 | | .75 | 27 | .0 | 0 | | 2 | 2 | 0 |
| FREEHOLD | 80.2 | 56.3 | 68.3 | 1.8 | 94 | 24 | 40 | 30+ | 50 | 6 | 0 | 0 | 0 | 1.56 | - 2.22 | .45 | 11 | .0 | 0 | | 5 | 0 | 0 |
| GLASSBORO | 82.5 | 60.0 | 71.3 | | 96 | 24 | 42 | 30 | 29 | 8 | 0 | 0 | 0 | 1.09 | | .86 | 27 | .0 | 0 | | 2 | 1 | 0 |
| HAMMONTON 2 NNE | 84.4M | 57.5M | 71.0M | 3.3 | 99 | 24 | 40 | 30 | 37 | | 0 | 0 | 0 | 1.14 | - 2.63 | .88 | 28 | .0 | 0 | | 2 | 1 | 0 |
| HIGHTSTOWN 1 N | 80.8 | 57.0 | 68.9 | 2.7 | 95 | 23 | 40 | 29 | 52 | 7 | 0 | 0 | 0 | 1.68 | - 2.31 | .44 | 10 | .0 | 0 | | 5 | 0 | 0 |
| INDIAN MILLS 2 W | 82.5 | 55.5 | 69.0 | 2.7 | 96 | 23 | 34 | 30 | 62 | 8 | 0 | 0 | 0 | .84 | - 2.76 | .42 | 27 | .0 | 0 | | 3 | 0 | 0 |
| MILLVILLE FAA AIRPORT | 81.7 | 59.6 | 70.7 | | 95 | 23+ | 39 | 30+ | 41 | 8 | 0 | 0 | 0 | 1.19 | | 1.10 | 27 | .0 | 0 | | 1 | 1 | 1 |
| MOORESTOWN | 81.3 | 58.5 | 69.9 | 3.5 | 95 | 24 | 39 | 29 | 52 | 6 | 0 | 0 | 0 | .40 | - 3.35 | .17 | 9 | .0 | 0 | | 2 | 0 | 0 |
| NEW BRUNSWICK | 79.1 | 56.8 | 68.0 | 1.5 | 92 | 24 | 42 | 29 | 41 | 3 | 0 | 0 | 0 | 3.71 | - .35 | 1.29 | 10 | .0 | 0 | | 6 | 3 | 1 |
| PEMBERTON 3 E | 83.8 | 55.8 | 69.8 | 2.4 | 97 | 22 | 36 | 30 | 48 | 10 | 0 | 0 | 0 | 1.44 | - 2.33 | .69 | 11 | .0 | 0 | | 3 | 1 | 0 |
| SEABROOK FARMS | 83.7 | 60.1 | 71.9 | | 97 | 24 | 41 | 30 | 31 | 9 | 0 | 0 | 0 | .71 | | .46 | 28 | .0 | 0 | | 2 | 0 | 0 |
| SHILOH | 85.1 | 60.5 | 72.8 | 4.8 | 98 | 23 | 42 | 30 | 25 | 11 | 0 | 0 | 0 | 1.12 | - 2.82 | .58 | 27 | .0 | 0 | | 3 | 1 | 0 |
| TOMS RIVER | 81.8 | 56.5 | 69.2 | | 95 | 24 | 40 | 30 | 44 | 7 | 0 | 0 | 0 | 2.78 | | 1.05 | 28 | .0 | 0 | | 5 | 3 | 1 |
| TRENTON WB CITY R | 79.5 | 61.3 | 70.4 | 3.3 | 94 | 23 | 45 | 29 | 30 | 6 | 0 | 0 | 0 | .79 | - 2.71 | .21 | 9 | .0 | 0 | | 4 | 0 | 0 |
| TUCKERTON | 81.8 | 58.8 | 70.3 | | 96 | 16 | 38 | 30 | 41 | 7 | 0 | 0 | 0 | .37 | | .33 | 27 | .0 | 0 | | 1 | 0 | 0 |
| WOODSTOWN | 84.1 | 57.4 | 70.8 | | 96 | 23 | 40 | 30 | 39 | 10 | 0 | 0 | 0 | .95 | | .51 | 9 | .0 | 0 | | 2 | 1 | 0 |
| DIVISION | | | 70.4 | 3.4 | | | | | | | | | | 1.20 | - 2.59 | | | .0 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 74.4 | 62.2 | 68.3 | - .1 | 88 | 4 | 46 | 30+ | 33 | 0 | 0 | 0 | 0 | .47 | - 2.93 | .40 | 27 | | | | 1 | 0 | 0 |
| CAPE MAY 1 NW | 80.7M | 61.4M | 71.1M | | 93 | 17 | 43 | 30 | 22 | | 0 | 0 | 0 | .63 | | .44 | 28 | .0 | 0 | | 2 | 0 | 0 |
| LONG BRANCH 2 S | 78.7 | 60.3 | 69.5 | 3.3 | 92 | 22 | 43 | 30 | 39 | 2 | 0 | 0 | 0 | 1.63 | - 2.29 | .82 | 27 | .0 | 0 | | 4 | 1 | 0 |
| SANDY HOOK | 76.6M | 63.1M | 69.9M | | 88 | 23+ | 50 | 30+ | 29 | 0 | 0 | 0 | 0 | 2.20 | | .79 | 11 | .0 | 0 | | 6 | 1 | 0 |
| DIVISION | | | 69.7 | 1.9 | | | | | | | | | | 1.23 | - 2.44 | | | .0 | | | | | |

## EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>HAMMONTON 2 NNE | 99 | DATE | 24 |
| LOWEST TEMPERATURE<br>INDIAN MILLS 2 W | 34 | DATE | 30 |
| GREATEST TOTAL PRECIPITATION<br>SUSSEX 1 SE | 4.47 | | |
| LEAST TOTAL PRECIPITATION<br>TUCKERTON | .37 | | |
| GREATEST 1 DAY PRECIPITATION<br>RAHWAY | 1.90 | DATE | 10 |

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 72

# NEW JERSEY - SEPTEMBER 1970

## SPECIAL WEATHER SUMMARY

The outstanding feature of September's weather was the extreme heat which prevailed from the 22d through the 26th. Trenton reported the most prolonged hot spell on record so late in the season, with temperatures above 90° for 5 consecutive days. In 1895 there were 4 days in a row with readings in the nineties in late September. Late in the morning of the 27th a cold front moved across the State, accompanied by showers and thunderstorms, with some damaging winds, followed by rapidly falling temperatures. In a period of 10 days New Jersey went from the hottest weather of the year to the coldest weather of the early autumn season. Average temperatures for the week following the hot spell averaged from 19° to 23° cooler than the week in which the heat occurred.

Donald V. Dunlap
NOAA - State Climatologist
Department of Meteorology
College of Agriculture and Environmental
Science
Rutgers University - the State University
New Brunswick, New Jersey 08903

# DAILY PRECIPITATION

| Station | Total | Day of Month |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BELVIDERE | 2.32 |  |  |  | .08 | T |  |  | T | .15 | .07 | .12 |  |  |  | T | T |  | T | .09 |  |  |  |  |  |  | .05 | .66 | 1.10 |  | T | . |
| BERNARDSVILLE 2 E | 2.15 |  |  |  | .02 |  |  |  |  | .14 | .60 | .22 |  |  |  |  | .02 |  |  | .48 |  |  |  |  |  |  |  | .02 | .65 |  |  | . |
| BLACKWELLS MILLS | 2.91 |  |  |  |  |  |  |  |  | .15 | 1.22 | .88 |  |  |  |  |  |  | .22 |  |  |  |  |  |  | .01 |  | .43 |  |  |  | . |
| BOONTON 1 SE | 1.29 |  |  |  | .09 |  |  |  |  | .24 | .14 | .26 |  |  | T | .05 | .02 |  |  | .12 |  |  |  |  |  | T |  | .05 | .32 | T |  | . |
| BOUND BROOK 2 W | 2.43 |  |  |  |  |  |  |  |  | .08 | .18 | .88 |  |  |  | T |  |  |  | .30 |  |  |  |  |  |  |  | .14 | .85 |  |  | . |
| BRANCHVILLE | 2.73 |  |  |  | .48 |  |  |  |  | .36 | .03 | .22 |  |  |  | .26 | .04 |  |  | .48 |  |  |  |  |  |  | .09 | .20 | .57 |  |  | . |
| CANISTEAR RESERVOIR | 2.66 |  |  |  | .68 |  |  |  |  | .42 | .05 | .21 |  |  |  | .18 | .06 |  |  | .31 |  |  |  |  |  |  | .11 | .24 | .40 |  |  | . |
| CANOE BROOK | 2.03 |  |  |  | .06 |  |  |  | .01 | .06 | .19 | .27 |  |  |  | T | T |  |  | .41 |  |  |  |  |  | T |  | .05 | .98 |  |  | . |
| CHARLOTTEBURG | 2.94 |  |  |  | .98 |  |  |  |  | .61 | .09 | .17 |  |  |  | .05 | .04 |  |  | .38 |  |  |  |  |  | .03 | .04 | .09 | .46 |  |  | . |
| CLINTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| CRANFORD | 2.23 |  |  | T | .02 |  |  |  |  | .37 | .37 | .31 |  |  | T | T |  |  | .10 | .21 |  |  |  |  |  |  |  | .85 |  |  | T | . |
| ESSEX FELLS SERV BLDG | 1.66 |  |  |  | .08 |  |  |  |  | .25 | .11 | .32 |  |  |  | .01 |  |  |  | .26 |  |  |  |  |  |  |  | .01 | .62 |  |  | . |
| FLEMINGTON 1 NE | 2.24 |  |  |  | .01 |  |  |  |  | .15 | .38 | .82 |  |  |  | .03 |  |  |  | .53 |  |  |  |  |  |  |  |  | .32 |  |  | . |
| GREENWOOD LAKE | 3.25 |  |  |  | .88 |  |  |  |  | .30 | .18 | .34 |  |  |  | .18 | .04 |  |  | .30 |  |  |  |  |  |  | .05 | .18 | .70 | .10 |  | . |
| HIGH POINT PARK | 3.59 |  |  |  | .12 | .06 |  |  |  | .32 | .09 | .15 |  |  | T | .56 | T |  | .07 | 1.34 |  |  |  |  |  | .12 | T | .19 | .57 |  |  | . |
| JERSEY CITY | 1.76 |  |  | T | .01 |  |  |  |  | .18 | .51 |  |  |  |  | .01 |  |  | .28 |  |  |  |  |  |  |  |  | .77 |  |  | T | . |
| LAMBERTVILLE | 2.51 |  |  | T |  |  |  |  |  | .27 | .39 | .10 |  |  |  |  |  |  | .38 | .05 |  |  |  |  |  | T | .86 | .44 | T |  | .02 | . |
| LAYTON 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| LITTLE FALLS | 1.49 |  |  |  | .06 |  |  |  |  | .23 | .08 | .25 |  |  |  | .04 |  |  |  | .18 |  |  |  |  |  |  |  | .02 | .63 |  |  | . |
| LONG VALLEY | 2.09 |  |  |  | .09 |  |  |  |  | .16 | .10 | .40 |  |  |  | .01 |  |  |  | .30 |  |  |  |  |  |  | .21 | .62 | .20 |  |  | . |
| MAHWAH | 2.65 |  |  |  | 1.36 |  |  |  | .05 | .24 | .15 | .17 |  |  |  | .10 | .01 |  |  | .08 |  |  |  |  |  |  | .09 | .15 | .25 |  |  | . |
| MIDLAND PARK | 2.26 |  |  | .21 | .17 |  |  |  |  | .67 | .28 |  |  |  | .03 |  |  |  | .18 |  |  |  |  |  |  |  |  | .70 |  |  | .02 | . |
| MILTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| MORRIS PLAINS 1 W | 1.23 |  |  |  | .14 |  |  |  | .04 | .12 | .06 | .23 |  |  |  | .02 |  |  |  | .26 |  |  |  |  |  |  |  | .06 | .30 | T |  | . |
| NEWARK WB AIRPORT R | 1.83 |  |  | .05 | T |  |  |  | T | .20 | .50 |  |  |  | T | T |  |  | .27 |  |  |  |  |  |  |  |  | .81 |  |  | T | . |
| NEW MILFORD | 1.31 |  |  | .02 | .03 |  |  |  | .02 | .20 | .32 |  |  |  |  |  |  |  | .07 |  |  |  |  |  |  |  |  | .65 |  |  |  | . |
| NEWTON | 3.20 |  |  |  | .92 |  |  |  |  | .21 | .03 | .37 |  |  | T | .07 | .02 |  | .01 | .12 |  |  |  |  |  |  | .18 | .10 | 1.17 |  |  | . |
| OAK RIDGE RESERVOIR | 3.52 |  |  |  | 1.46 |  |  |  |  | .36 | .12 | .38 |  |  |  | .08 |  |  | .03 | .24 |  |  |  |  |  |  | .08 | .21 | .56 |  |  | . |
| PATERSON | 1.84 |  |  |  | .10 |  |  |  |  | .22 | .06 | .37 |  |  |  | .03 | .01 |  |  | .15 |  |  |  |  |  |  |  | .16 | .74 |  |  | . |
| PHILLIPSBURG | 2.76 |  |  |  | .08 |  |  |  |  | .03 | .38 | .69 |  |  |  |  |  |  |  | .20 |  |  |  |  |  |  |  | .55 | .83 |  |  | . |
| PLAINFIELD | 1.83 |  |  | T | .03 |  |  |  |  | .09 | .22 | .45 |  |  | T | T |  |  | .44 |  |  |  |  |  | .01 |  |  | .57 | T |  | .02 | . |
| POTTERSVILLE 2 NNW | 2.15 |  |  |  | .03 |  |  |  |  | .28 | .40 | .43 |  |  |  | .03 |  |  |  | .24 |  |  |  |  |  | T | .16 | .13 | .45 |  |  | . |
| RAHWAY | 3.58 |  |  | .04 | .01 |  |  |  |  | .20 | 1.90 |  |  |  |  |  |  |  | .27 |  |  |  |  |  |  |  |  | 1.15 |  |  | .01 | . |
| RINGWOOD | 3.12 |  |  |  | 1.33 |  |  |  |  | .36 | .08 | .30 |  |  |  | .13 | T |  | .16 | .06 |  |  |  |  |  |  | .08 | .08 | .50 |  | .04 | . |
| SOMERVILLE 3 NW | 2.50 |  |  |  | .05 |  |  |  |  | .06 | .24 | .65 |  |  |  | T |  |  |  | .50 |  |  |  |  |  |  |  | .05 | .95 |  |  | . |
| SPLIT ROCK POND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| SUSSEX 1 SE | 4.47 |  |  |  | .73 |  |  |  |  | .23 | .03 | .31 |  |  |  | .19 | .01 |  | .05 | 1.76 |  |  |  |  |  |  | .26 | .14 | .76 |  |  | . |
| WANAQUE RAYMOND DAM | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| WERTSVILLE | 1.88 |  |  |  | .01 |  |  |  |  | .13 | .20 | .32 |  |  |  |  |  |  |  | .28 |  |  |  |  |  |  | T | T | .93 | .01 |  | . |
| WEST WHARTON | 2.06 |  |  |  | .12 |  |  |  |  | .38 | .08 | .61 |  |  |  | .06 | T |  |  | .09 |  |  |  |  |  | .04 | .01 | .28 | .39 |  |  | . |
| WOODCLIFF LAKE | 1.89 |  |  | .12 | .18 |  |  |  | .04 | .56 | .20 |  |  |  |  | .02 |  |  | .18 | .02 |  |  |  |  |  |  |  | .54 |  |  | .03 | . |
| * * * SOUTHERN 02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY WB AP | .41 |  |  | T | T |  |  |  |  | T | .02 |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  | .36 | .03 |  | T | . |
| AUDUBON | .81 |  |  |  |  |  |  |  |  | .37 | .20 |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  | .24 | T |  | T | . |
| BASS RIVER ST FOREST | .54 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .54 |  |  |  | . |
| BELLEPLAIN ST FOREST | 1.04 |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  | .81 | .21 | .02 |  | . |
| BURLINGTON | .46 |  |  |  |  |  |  |  |  | .10 | T |  |  |  |  |  |  |  | .20 |  |  |  |  |  |  |  | .16 |  |  |  |  | . |
| CANTON | .72 |  |  |  | .04 |  |  |  |  | .09 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .59 |  |  | . |
| CHATSWORTH | 1.47 |  |  |  |  |  |  |  |  | .06 |  | .50 |  |  |  |  |  |  |  | .09 |  |  |  |  |  |  |  | .75 | .07 |  |  | . |
| FORTESCUE | .65 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .65 |  |  | . |
| FREEHOLD | 1.56 |  |  |  | .03 |  |  |  |  | .34 | .16 | .45 |  |  |  |  | T |  |  | .17 |  |  |  |  |  |  |  |  | .41 |  |  | . |
| GLASSBORO | 1.09 |  |  |  |  |  |  |  |  | .16 |  |  |  |  |  |  |  | .05 |  |  |  |  |  |  |  |  |  | .86 | .02 |  |  | . |
| HAMMONTON 2 NNE | 1.14 |  |  |  |  |  |  |  |  | T | .02 | .01 |  |  |  |  |  |  |  | .23 |  |  |  |  |  |  |  |  | .88 | T |  | . |
| HIGHTSTOWN 1 N | 1.68 |  |  |  | .01 |  |  |  |  | .43 | .44 | .16 |  |  |  | T |  |  | .27 |  |  |  |  |  |  |  |  | .32 |  | .05 |  | . |
| INDIAN MILLS 2 W | .84 |  |  |  |  |  |  |  |  | .24 | T | .13 |  |  |  |  |  |  | T | .05 |  |  |  |  |  |  |  | .42 |  |  | T | . |
| MAYS LANDING 1 W | .63 |  |  |  | T |  |  |  |  |  |  | .06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .47 | .10 |  | . |
| MILLVILLE FAA AIRPORT | 1.19 |  |  | T | T | T |  |  |  | .03 | .04 |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  | 1.10 | .02 |  |  | . |
| MOORESTOWN | .40 |  |  |  |  |  |  |  |  | .17 | .01 | .05 |  |  |  |  |  |  | T | .02 |  |  |  |  |  |  |  |  | .15 |  |  | . |
| NEW BRUNSWICK | 3.71 |  |  |  | .02 |  |  |  |  | .20 | 1.29 | .81 |  |  |  | T | .16 |  | T | .23 |  |  |  |  |  |  | .03 |  | .97 |  |  | . |
| PEMBERTON 3 E | 1.44 |  |  |  |  |  |  |  |  | .39 |  | .69 |  |  |  |  |  |  | T | .07 |  |  |  |  |  |  |  | .26 | .03 |  |  | . |
| PRINCETON WATER WORKS | 1.59 |  |  |  |  |  |  |  |  | .51 | .28 |  |  |  |  |  |  |  | .40 |  |  |  |  |  |  |  | .02 | .37 | T |  | .01 | . |
| SEABROOK FARMS | .71 |  |  |  | .03 |  |  |  |  |  | .12 |  |  |  |  |  |  |  |  | T |  |  |  |  |  | .05 | T |  | .46 | .05 | T | . |
| SHILOH | 1.12 |  |  | .07 |  |  |  |  |  | .16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .26 |  | .58 | .05 |  |  | . |
| TOMS RIVER | 2.78 |  |  |  |  |  |  |  |  | .16 | .19 | .66 |  |  |  |  |  |  |  | .72 |  |  |  |  |  |  |  |  | 1.05 |  |  | . |
| TRENTON WB CITY R | .79 |  |  | .01 | T |  |  |  |  | .21 | .20 |  |  |  | T | .05 |  |  | .11 |  |  |  |  |  |  |  |  | .20 | T |  | .01 | . |
| TUCKERTON | .37 |  |  |  |  | T |  |  |  |  |  | T | T |  |  |  |  |  | T |  |  |  |  |  |  |  |  | .33 | .04 | T | T | . |
| WOODSTOWN | .95 |  |  |  | T | T |  |  |  | .51 |  |  |  |  |  |  |  |  | .01 |  |  |  |  |  |  | .01 |  | .41 | .01 |  | T | . |
| * * * COASTAL 03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY R | .47 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .06 |  |  |  |  |  |  |  |  | .40 | .01 |  |  | . |
| CAPE MAY 1 NW | .63 |  |  |  | T |  |  |  |  |  |  | .05 |  |  |  |  |  |  |  | .11 |  |  |  |  |  |  |  |  | .44 | .03 |  | . |
| LONG BRANCH 2 S | 1.63 |  |  | T | .04 |  |  |  |  | .26 | .02 | .25 |  |  |  | .02 |  |  | .05 | .15 |  |  |  |  |  |  |  | .82 | .02 |  |  | . |
| SANDY HOOK | 2.20 |  |  |  | .02 |  |  |  |  | .24 | .49 | .79 |  |  |  | .12 |  |  |  | .24 |  |  |  |  |  |  |  |  | .30 |  |  | . |

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 76 | 72 | 76 | 72 | 85 | 85 | 77 | 77 | 72 | 70 | 82 | 72 | 75 | 77 | 68 | 75 | 89 | 76 | 72 | 72 | 76 | 79 | 91 | 95 | 90 | 90 | 90 | 68 | 65 | 56 | | 77.3 |
| | MIN | 45 | 42 | 44 | 55 | 65 | 54 | 46 | 48 | 59 | 61 | 53 | 45 | 44 | 46 | 55 | 55 | 49 | 51 | 54 | 46 | 46 | 56 | 61 | 64 | 64 | 65 | 65 | 42 | 40 | 39 | | 51.7 |
| BOONTON 1 SE | MAX | 75 | 72 | 75 | 76 | 86 | 85 | 78 | 76 | 72 | 69 | 85 | 75 | 76 | 77 | 70 | 65 | 88 | 75 | 75 | | | 80 | 90 | 92 | 90 | 89 | 89 | 74 | 64 | 58 | | 77.5 |
| | MIN | 45 | 45 | 54 | 57 | 56 | 51 | 61 | 58 | 58 | 62 | 56 | 51 | 49 | 49 | 55 | 54 | 46 | 51 | 61 | | | 60 | 64 | 65 | 62 | 62 | 67 | 46 | 45 | 42 | | 54.6 |
| CANOE BROOK | MAX | 78 | 75 | 78 | 77 | 88 | 88 | 79 | 77 | 71 | 71 | 85 | 75 | 77 | 79 | 72 | 75 | 92 | 77 | 76 | 74 | 76 | 80 | 92 | 95 | 91 | 91 | 91 | 79 | 65 | 61 | | 79.4 |
| | MIN | 46 | 45 | 50 | 55 | 64 | 62 | 60 | 47 | 57 | 59 | 57 | 47 | 52 | 51 | 54 | 54 | 48 | 51 | 58 | 48 | 51 | 60 | 66 | 67 | 65 | 65 | 62 | 47 | 41 | 41 | | 54.5 |
| CHARLOTTEBURG | MAX | 71 | 68 | 74 | 75 | 85 | 82 | 75 | 75 | 70 | 66 | 80 | 71 | 75 | 76 | 65 | 64 | 87 | 74 | 69 | 71 | 74 | 79 | 89 | 91 | 86 | 87 | 84 | 68 | 60 | 55 | | 74.6 |
| | MIN | 48 | 45 | 45 | 54 | 66 | 57 | 47 | 47 | 56 | 59 | 57 | 44 | 45 | 45 | 52 | 55 | 47 | 47 | 59 | 46 | 46 | 58 | 61 | 64 | 65 | 66 | 65 | 45 | 45 | 40 | | 52.4 |
| CRANFORD | MAX | 76 | 76 | 78 | 89 | 87 | 84 | 77 | 74 | 68 | 86 | 85 | 76 | 79 | 77 | 78 | 92 | 89 | 74 | 75 | 77 | 82 | 92 | 95 | 91 | 90 | 91 | 85 | 66 | 64 | 62 | | 80.4 |
| | MIN | 48 | 46 | 56 | 71 | 66 | 58 | 51 | 61 | 62 | 66 | 59 | 48 | 47 | 59 | 57 | 61 | 50 | 65 | 62 | 51 | 57 | 65 | 72 | 69 | 65 | 67 | 55 | 49 | 44 | 45 | | 57.6 |
| ESSEX FELLS SERV BLDG | MAX | 77 | 74 | 76 | 80 | 88 | 87 | 78 | 75 | 72 | 73 | 83 | 75 | 77 | 80 | 78 | 67 | 90 | 76 | 75 | 75 | 77 | 83 | 92 | 95 | 90 | 90 | 90 | 76 | 68 | 59 | | 79.2 |
| | MIN | 47 | 44 | 54 | 59 | 65 | 52 | 48 | 58 | 57 | 64 | 56 | 44 | 45 | 52 | 48 | 55 | 48 | 58 | 57 | 48 | 55 | 65 | 69 | 67 | 65 | 65 | 68 | 45 | 40 | 40 | | 54.5 |
| FLEMINGTON 1 NE | MAX | 77 | 73 | 77 | 76 | 88 | 87 | 78 | 77 | 74 | 68 | 86 | 75 | 76 | 79 | 79 | 83 | 91 | 77 | 75 | 75 | 76 | 85 | 92 | 95 | 93 | 91 | 90 | 75 | 65 | 59 | | 79.5 |
| | MIN | 47 | 41 | 41 | 53 | 63 | 54 | 47 | 49 | 58 | 65 | 57 | 45 | 43 | 45 | 56 | 58 | 48 | 41 | 59 | 44 | 48 | 56 | 62 | 66 | 65 | 65 | 66 | 48 | 40 | 41 | | 52.2 |
| HIGH POINT PARK | MAX | 69 | 67 | 69 | 71 | 79 | 79 | 71 | 70 | 67 | 65 | 76 | 68 | 70 | 75 | 55 | 63 | 84 | 71 | 67 | 67 | 71 | 77 | 87 | 87 | 83 | 85 | 82 | 65 | 58 | 52 | | 71.5 |
| | MIN | 44 | 45 | 49 | 57 | 64 | 52 | 49 | 51 | 52 | 57 | 52 | 44 | 51 | 52 | 48 | 49 | 48 | 47 | 55 | 48 | 55 | 64 | 68 | 65 | 65 | 64 | 64 | 41 | 38 | 37 | | 52.4 |
| JERSEY CITY | MAX | 74 | 77 | 75 | 89 | 88 | 78 | 77 | 67 | 68 | 80 | 75 | 75 | 78 | 75 | 72 | 91 | 73 | 74 | 70 | 75 | 81 | 92 | 95 | 85 | 90 | 87 | 76 | 65 | 62 | 60 | | 77.5 |
| | MIN | 55 | 57 | 63 | 71 | 73 | 62 | 60 | 62 | 62 | 68 | 65 | 54 | 55 | 61 | 57 | 60 | 58 | 66 | 62 | 58 | 61 | 70 | 76 | 72 | 72 | 71 | 54 | 52 | 48 | 48 | | 61.7 |
| LAMBERTVILLE | MAX | 76 | 78 | 78 | 89 | 89 | 85 | 81 | 80 | 75 | 88 | 78 | 81 | 81 | 85 | 89 | 95 | 87 | 77 | 78 | 80 | 85 | 94 | 95 | 94 | 94 | 91 | 87 | 66 | 61 | 61 | | 82.5 |
| | MIN | 48 | 44 | 55 | 72 | 65 | 55 | 49 | 56 | 62 | 66 | 58 | 45 | 47 | 58 | 60 | 61 | 51 | 63 | 59 | 49 | 57 | 63 | 68 | 68 | 68 | 67 | 55 | 49 | 43 | 45 | | 56.7 |
| LAYTON 2 | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | MAX | 78 | 74 | 77 | 79 | 89 | 87 | 80 | 76 | 71 | 70 | 84 | 75 | 76 | 79 | 69 | 66 | 91 | 77 | 75 | 75 | 77 | 82 | 95 | 96 | 90 | 91 | 91 | 76 | 66 | 59 | | 79.0 |
| | MIN | 50 | 47 | 57 | 61 | 66 | 55 | 55 | 59 | 62 | 64 | 58 | 46 | 46 | 57 | 52 | 55 | 49 | 58 | 61 | 49 | 58 | 62 | 68 | 66 | 64 | 67 | 68 | 49 | 44 | 42 | | 56.4 |
| LONG VALLEY | MAX | 75 | 70 | 75 | 74 | 85 | 85 | 75 | 74 | 71 | 70 | 80 | 70 | 75 | 76 | 75 | 79 | 88 | 74 | 72 | 70 | 73 | 78 | 88 | 89 | 87 | 87 | 84 | 67 | 62 | 55 | | 75.8 |
| | MIN | 44 | 41 | 40 | 60 | 60 | 48 | 45 | 56 | 54 | 58 | 54 | 42 | 41 | 48 | 53 | 54 | 44 | 52 | 54 | 48 | 51 | 57 | 65 | 62 | 64 | 62 | 56 | 40 | 39 | 40 | | 51.0 |
| MORRIS PLAINS 1 W | MAX | 77 | 75 | 77 | 76 | 88 | 86 | 78 | 77 | 74 | 67 | 84 | 74 | 76 | 78 | 70 | 71 | 91 | 85 | 75 | 75 | 77 | 81 | 92 | 94 | 92 | 90 | 90 | 74 | 65 | 60 | | 78.9 |
| | MIN | 46 | 41 | 50 | 55 | 64 | 49 | 50 | 53 | 58 | 60 | 56 | 42 | 42 | 44 | 54 | 55 | 40 | 57 | 61 | 46 | 52 | 55 | 63 | 65 | 62 | 64 | 66 | 45 | 44 | 40 | | 52.6 |
| NEWARK WB AIRPORT | MAX | 75 | 76 | 77 | 90 | 88 | 79 | 78 | 71 | 71 | 83 | 76 | 75 | 79 | 75 | 75 | 92 | 74 | 75 | 77 | 75 | 83 | 94 | 94 | 89 | 91 | 88 | 78 | 66 | 61 | 65 | | 78.9 |
| | MIN | 55 | 53 | 64 | 72 | 68 | 61 | 61 | 64 | 65 | 70 | 63 | 57 | 56 | 60 | 58 | 65 | 59 | 66 | 64 | 57 | 62 | 70 | 74 | 74 | 72 | 75 | 55 | 55 | 48 | 48 | | 62.2 |
| NEWTON | MAX | 77 | 72 | 75 | 74 | 85 | 85 | 78 | 75 | 72 | 67 | 82 | 72 | 75 | 77 | 59 | 60 | 89 | 77 | 70 | 72 | 75 | 80 | 91 | 92 | 90 | 89 | 87 | 65 | 64 | 55 | | 76.0 |
| | MIN | 48 | 39 | 47 | 49 | 65 | 50 | 46 | 45 | 55 | 61 | 55 | 38 | 40 | 42 | 51 | 55 | 45 | 45 | 58 | 46 | 45 | 59 | 64 | 65 | 62 | 65 | 65 | 41 | 58 | 41 | | 50.6 |
| PATERSON | MAX | 78 | 75 | 79 | 79 | 90 | 89 | 81 | 77 | 71 | 71 | 84 | 76 | 77 | 82 | 69 | 64 | 92 | 74 | 76 | 76 | 80 | 84 | 95 | 97 | 90 | 92 | 95 | 79 | 66 | 62 | | 79.9 |
| | MIN | 55 | 50 | 57 | 64 | 70 | 59 | 56 | 60 | 61 | 64 | 64 | 50 | 52 | 50 | 54 | 55 | 55 | 59 | 62 | 52 | 59 | 64 | 70 | 71 | 69 | 70 | 70 | 49 | 46 | 46 | | 58.7 |
| PHILLIPSBURG | MAX | 78 | 75 | 79 | 77 | 89 | 87 | 80 | 81 | 77 | 72 | 86 | 75 | 77 | 80 | 76 | 85 | 95 | 79 | 76 | 76 | 78 | 82 | 94 | 94 | 92 | 92 | 92 | 70 | 67 | 62 | | 80.7 |
| | MIN | 47 | 45 | 48 | 54 | 64 | 55 | 47 | 49 | 58 | 62 | 55 | 45 | 45 | 47 | 56 | 57 | 51 | 52 | 59 | 47 | 52 | 58 | 62 | 64 | 63 | 65 | 65 | 47 | 42 | 41 | | 53.2 |
| PLAINFIELD | MAX | 75 | 78 | 77 | 89 | 88 | 80 | 80 | 74 | 68 | 87 | 77 | 77 | 80 | 79 | 62 | 92 | 77 | 74 | 77 | 78 | 85 | 95 | 95 | 91 | 92 | 92 | 78 | 66 | 61 | 62 | | 80.1 |
| | MIN | 50 | 45 | 55 | 72 | 66 | 55 | 50 | 59 | 62 | 66 | 58 | 48 | 48 | 59 | 57 | 61 | 52 | 62 | 60 | 50 | 56 | 65 | 68 | 69 | 66 | 68 | 55 | 50 | 41 | 45 | | 57.1 |
| SOMERVILLE 3 NW | MAX | 77 | 73 | 76 | 77 | 87 | 86 | 77 | 77 | 74 | 68 | 85 | 74 | 76 | 78 | 78 | 81 | 90 | 77 | 74 | 75 | 76 | 81 | 92 | 93 | 92 | 90 | 90 | 73 | 65 | 60 | | 79.0 |
| | MIN | 45 | 43 | 44 | 55 | 65 | 51 | 49 | 58 | 58 | 62 | 58 | 46 | 46 | 48 | 57 | 57 | 51 | 51 | 57 | 49 | 49 | 56 | 63 | 66 | 65 | 66 | 66 | 45 | 59 | 39 | | 55.4 |
| SUSSEX 1 SE | MAX | 75 | 71 | 75 | 74 | 84 | 84 | 76 | 73 | 72 | 67 | 80 | 72 | 74 | 78 | 63 | 69 | 89 | 75 | 69 | 72 | 75 | 79 | 90 | 92 | 87 | 87 | 87 | 68 | 62 | 65 | | 76.1 |
| | MIN | 59 | 56 | 37 | 51 | 59 | 46 | 42 | 42 | 55 | 58 | 49 | 36 | 36 | 40 | 48 | 49 | 41 | 42 | 54 | 41 | 43 | 55 | 59 | 61 | 61 | 61 | 61 | 57 | 36 | 36 | | 46.9 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | MAX | 74 | 76 | 81 | 90 | 87 | 78 | 78 | 75 | 75 | 85 | 75 | 75 | 78 | 82 | 88 | 92 | 75 | 87 | 76 | 75 | 81 | 92 | 93 | 89 | 91 | 90 | 87 | 65 | 61 | 66 | | 80.4 |
| | MIN | 50 | 46 | 56 | 74 | 67 | 54 | 52 | 58 | 67 | 70 | 50 | 49 | 46 | 57 | 63 | 65 | 58 | 69 | 55 | 52 | 54 | 66 | 70 | 72 | 72 | 71 | 55 | 49 | 42 | 41 | | 58.5 |
| AUDUBON | MAX | 77 | 79 | 82 | 90 | 89 | 79 | 82 | 80 | 72 | 90 | 76 | 81 | 83 | 88 | 92 | 94 | 85 | 81 | 78 | 85 | 88 | 95 | 96 | 96 | 95 | 94 | 80 | 67 | 65 | 68 | | 85.4 |
| | MIN | 56 | 49 | 56 | 74 | 70 | 60 | 53 | 60 | 64 | 68 | 58 | 51 | 50 | 59 | 67 | 65 | 57 | 65 | 58 | 55 | 58 | 68 | 70 | 72 | 72 | 70 | 55 | 54 | 47 | 45 | | 60.1 |
| BELLEPLAIN ST FOREST | MAX | 84 | 80 | 80 | 91 | 90 | 88 | 85 | 85 | 76 | 91 | 88 | 77 | 82 | 87 | 90 | 95 | 92 | 90 | 86 | 80 | 85 | 94 | 97 | 94 | 93 | 93 | 87 | 65 | 65 | 68 | | 85.1 |
| | MIN | 50 | 44 | 54 | 73 | 69 | 55 | 49 | 50 | 60 | 70 | 64 | 44 | 42 | 54 | 61 | 68 | 61 | 62 | 62 | 51 | 54 | 65 | 71 | 70 | 70 | 68 | 63 | 50 | 39 | 55 | | 57.6 |
| BURLINGTON | MAX | 77 | 79 | 82 | 91 | | 86 | 86 | 86 | 84 | 90 | 88 | 85 | 85 | 85 | 95 | 95 | 87 | 79 | | | 86 | 95 | 96 | 95 | 96 | 92 | | 66 | 66 | 65 | | 85.2 |
| | MIN | 56 | | 56 | 68 | 65 | 61 | 60 | 59 | 61 | 67 | 64 | 53 | 55 | 56 | 66 | 59 | 55 | 60 | 59 | 54 | 59 | 60 | 60 | 68 | 68 | | 51 | 60 | 44 | 44 | | 58.9 |
| CHATSWORTH | MAX | 79 | 79 | 81 | 92 | 90 | 88 | | | 77 | 89 | 88 | 76 | 84 | 86 | 95 | 95 | 91 | 88 | 80 | 80 | 85 | 95 | 97 | 96 | 94 | 92 | 84 | 63 | 65 | 66 | | 84.8 |
| | MIN | 50 | 41 | 52 | 71 | 67 | 52 | | | 52 | 69 | 62 | 46 | 44 | 54 | 65 | 63 | 55 | 61 | 60 | 47 | 52 | 62 | 66 | 67 | 68 | 65 | 57 | 49 | 40 | 36 | | 56.2 |
| FREEHOLD | MAX | 79 | 73 | 75 | 77 | 88 | 87 | 77 | 76 | 72 | 71 | 87 | 72 | 74 | 80 | 84 | 86 | 90 | 74 | 80 | 75 | 78 | 83 | 93 | 94 | 95 | 92 | 91 | 82 | 62 | 60 | | 80.2 |
| | MIN | 48 | 45 | 55 | 60 | 65 | 54 | 49 | 58 | 59 | 65 | 59 | 48 | 47 | 50 | 61 | 61 | 52 | 61 | 59 | 49 | 57 | 65 | 70 | 70 | 69 | 67 | 63 | 47 | 40 | 40 | | 56.5 |
| GLASSBORO | MAX | 80 | 74 | 76 | 83 | 90 | 86 | 77 | 78 | 77 | 75 | 90 | 76 | 79 | 82 | 88 | 92 | 93 | 82 | 85 | 76 | 80 | 86 | 94 | 96 | 95 | 93 | 89 | 78 | 66 | 59 | | 82.5 |
| | MIN | 56 | 50 | 54 | 70 | 72 | 58 | 56 | 58 | 63 | 67 | 64 | 51 | 49 | 61 | 60 | 65 | 58 | 60 | 64 | 53 | 58 | 60 | 71 | 74 | 70 | 70 | 71 | 52 | 44 | 42 | | 60.0 |
| HAMMONTON 2 NNE | MAX | 85 | 74 | 80 | 82 | 94 | | 80 | 83 | 78 | 74 | 91 | 76 | 79 | 84 | 87 | 94 | 97 | 80 | 90 | 78 | 80 | 86 | 92 | 99 | 97 | 96 | 94 | 87 | 67 | 64 | | 84.4 |
| | MIN | 52 | 46 | 55 | 65 | 68 | | 53 | 54 | 58 | 63 | 62 | 47 | 44 | 56 | 62 | 61 | 56 | 59 | 62 | 50 | 55 | 61 | 69 | 71 | 69 | 68 | 70 | 50 | 41 | 40 | | 57.5 |
| HIGHTSTOWN 1 N | MAX | 74 | 77 | 79 | 90 | 88 | 78 | 78 | 76 | 70 | 88 | 74 | 76 | 80 | 85 | 88 | 92 | 82 | 77 | 75 | 79 | 84 | 93 | 95 | 94 | 93 | 92 | 81 | 65 | 58 | 64 | | 80.8 |
| | MIN | 49 | 45 | 54 | 73 | 66 | 55 | 48 | 58 | 61 | 67 | 60 | 46 | 45 | 59 | 62 | 62 | 52 | 61 | 58 | 48 | 56 | 65 | 68 | 70 | 69 | 67 | 55 | 49 | 40 | 41 | | 57.0 |
| INDIAN MILLS 2 W | MAX | 75 | 77 | 82 | 90 | 88 | 78 | 81 | 75 | 73 | 89 | 79 | 79 | 85 | 86 | 95 | 93 | 82 | 86 | 77 | 80 | 85 | 95 | 95 | 95 | 94 | 93 | 83 | 64 | 60 | 65 | | 82.5 |
| | MIN | 48 | 39 | 51 | 73 | 68 | 51 | 46 | 51 | 60 | 68 | 62 | 42 | 40 | 55 | 65 | 63 | 52 | 60 | 61 | 44 | 53 | 63 | 69 | 68 | 69 | 67 | 56 | 47 | 39 | 34 | | 55.5 |
| MILLVILLE FAA AIRPORT | MAX | 74 | 79 | 78 | 90 | 87 | 78 | 80 | 75 | 74 | 88 | 73 | 78 | 81 | 85 | 90 | 95 | 81 | 89 | 78 | 77 | 83 | 93 | 95 | 91 | 92 | 91 | 84 | 66 | 60 | 65 | | 81.7 |
| | MIN | 53 | 48 | 58 | 76 | 70 | 58 | 55 | 59 | 64 | 70 | 54 | 48 | 49 | 59 | 65 | 67 | 64 | 67 | 61 | 55 | 58 | 68 | 71 | 72 | 72 | 69 | 55 | 48 | 59 | 39 | | 59.6 |
| MOORESTOWN | MAX | 80 | 72 | 77 | 83 | 88 | 87 | 78 | 80 | 75 | 88 | 78 | 76 | 77 | 82 | 85 | 88 | 85 | 80 | 81 | 78 | 80 | 92 | 95 | 95 | 93 | 93 | 92 | 65 | 61 | 60 | | 81.3 |
| | MIN | 50 | 45 | 55 | 74 | 71 | 57 | 49 | 57 | 61 | 65 | 62 | 46 | 45 | 58 | 64 | 65 | 54 | 64 | 63 | 49 | 57 | 69 | 71 | 71 | 70 | 69 | 65 | 52 | 39 | 40 | | 58.5 |
| NEW BRUNSWICK | MAX | 77 | 73 | 75 | 78 | 88 | 86 | 78 | 78 | 73 | 69 | 86 | 74 | 74 | 78 | 82 | 84 | 89 | 70 | 74 | 75 | 77 | 81 | 91 | 92 | 89 | 91 | 89 | 78 | 64 | 60 | | 79.1 |
| | MIN | 50 | 48 | 54 | 58 | 67 | 56 | 51 | 50 | 60 | 62 | 61 | 51 | 49 | 54 | 59 | 59 | 55 | 56 | 60 | 51 | 56 | 61 | 67 | 70 | 68 | 67 | 71 | 49 | 42 | 45 | | 56.8 |
| PEMBERTON 3 E | MAX | 77 | 80 | 79 | 90 | 89 | 85 | 81 | 74 | 72 | 90 | 86 | 76 | 84 | 85 | 92 | 93 | 90 | 85 | 79 | 81 | 86 | 97 | 96 | 95 | 95 | 94 | 85 | 65 | 64 | 68 | | 83.8 |
| | MIN | 48 | 41 | 52 | 72 | 64 | 50 | 46 | 56 | 59 | 68 | 62 | 45 | 43 | 56 | 66 | 63 | 53 | 61 | 60 | 45 | 55 | 63 | 67 | 68 | 68 | 64 | 56 | 48 | 39 | 36 | | 55.8 |

See Reference Notes Following Station Index

## DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEABROOK FARMS | MAX | 82 | 75 | 78 | 82 | 91 | 88 | 79 | 81 | 78 | 75 | 90 | 76 | 79 | 83 | 86 | 93 | 94 | 83 | 89 | 79 | 80 | 87 | 95 | 97 | 94 | 94 | 92 | 83 | 68 | 61 | | 83.7 |
| | MIN | 55 | 47 | 57 | 67 | 71 | 59 | 52 | 57 | 61 | 68 | 66 | 47 | 49 | 60 | 65 | 69 | 60 | 63 | 63 | 53 | 58 | 65 | 70 | 72 | 72 | 67 | 73 | 52 | 44 | 41 | | 60.1 |
| SHILOH | MAX | 80 | 78 | 80 | 91 | 90 | 88 | 81 | 80 | 77 | 91 | 89 | 81 | 83 | 88 | 93 | 93 | 93 | 89 | 84 | 81 | 86 | 96 | 98 | 95 | 93 | 91 | 84 | 68 | 66 | 67 | | 85.1 |
| | MIN | 54 | 51 | 58 | 73 | 70 | 57 | 54 | 57 | 65 | 70 | 65 | 51 | 51 | 60 | 64 | 68 | 60 | 64 | 66 | 55 | 60 | 67 | 69 | 71 | 71 | 69 | 57 | 52 | 44 | 42 | | 60.5 |
| TOMS RIVER | MAX | 82 | 75 | 77 | 80 | 90 | 89 | 79 | 76 | 73 | 74 | 89 | 75 | 75 | 79 | 82 | 91 | 93 | 74 | 88 | 77 | 76 | 85 | 94 | 95 | 91 | 94 | 88 | 89 | 64 | 60 | | 81.8 |
| | MIN | 52 | 43 | 52 | 60 | 66 | 54 | 50 | 62 | 62 | 63 | 61 | 48 | 45 | 55 | 58 | 64 | 55 | 57 | 60 | 49 | 51 | 60 | 67 | 68 | 66 | 67 | 68 | 50 | 42 | 40 | | 56.5 |
| TRENTON WB CITY | MAX | 73 | 76 | 78 | 88 | 85 | 76 | 77 | 74 | 71 | 86 | 73 | 73 | 80 | 83 | 88 | 92 | 77 | 76 | 75 | 77 | 84 | 93 | 94 | 92 | 92 | 90 | 78 | 64 | 58 | 63 | | 79.5 |
| | MIN | 57 | 53 | 61 | 73 | 67 | 60 | 57 | 61 | 63 | 69 | 59 | 55 | 54 | 64 | 63 | 62 | 58 | 66 | 60 | 56 | 63 | 68 | 73 | 73 | 71 | 72 | 55 | 51 | 45 | 49 | | 61.3 |
| TUCKERTON | MAX | 78 | 80 | 81 | 92 | 91 | 81 | 77 | 74 | 75 | 85 | 78 | 77 | 80 | 85 | 87 | 96 | 81 | 84 | 80 | 78 | 83 | 93 | 94 | 90 | 91 | 87 | 86 | 64 | 63 | 62 | | 81.8 |
| | MIN | 51 | 46 | 55 | 70 | 70 | 54 | 52 | 61 | 64 | 70 | 65 | 48 | 48 | 56 | 64 | 62 | 57 | 68 | 63 | 51 | 53 | 66 | 72 | 71 | 71 | 70 | 57 | 50 | 40 | 38 | | 58.8 |
| WOODSTOWN | MAX | 83 | 78 | 81 | 91 | 89 | 87 | 80 | 79 | 74 | 90 | 84 | 81 | 82 | 87 | 92 | 94 | 90 | 85 | 78 | 80 | 87 | 95 | 96 | 95 | 93 | 91 | 85 | 67 | 62 | 68 | | 84.1 |
| | MIN | 48 | 45 | 55 | 69 | 68 | 65 | 49 | 56 | 62 | 61 | 61 | 45 | 56 | 56 | 62 | 63 | 56 | 61 | 62 | 42 | 57 | 63 | 64 | 68 | 66 | 75 | 55 | 49 | 44 | 40 | | 57.4 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 72 | 75 | 74 | 88 | 87 | 75 | 73 | 70 | 72 | 75 | 74 | 73 | 73 | 78 | 74 | 82 | 71 | 75 | 74 | 71 | 73 | 81 | 82 | 77 | 78 | 77 | 75 | 63 | 59 | 62 | | 74.4 |
| | MIN | 58 | 54 | 64 | 71 | 70 | 61 | 56 | 64 | 67 | 69 | 59 | 55 | 55 | 63 | 69 | 67 | 62 | 69 | 62 | 59 | 64 | 69 | 71 | 71 | 71 | 71 | 54 | 50 | 46 | 46 | | 62.2 |
| CAPE MAY 1 NW | MAX | 83 | 75 | 77 | 81 | 90 | | 88 | 79 | 75 | 74 | 82 | 78 | 78 | 78 | 83 | 82 | 93 | 75 | 87 | 86 | 77 | 80 | 89 | 89 | 83 | 90 | | | 66 | 62 | | 80.7 |
| | MIN | 57 | 52 | 59 | 71 | 71 | | 59 | 59 | 65 | 70 | 69 | 54 | 52 | 55 | 63 | 66 | 64 | 64 | 68 | 57 | 57 | 64 | 72 | 72 | 71 | | | 54 | 51 | 43 | | 61.4 |
| LONG BRANCH 2 S | MAX | 73 | 75 | 77 | 87 | 86 | 81 | 75 | 70 | 72 | 63 | 77 | 73 | 77 | 77 | 83 | 88 | 83 | 82 | 75 | 75 | 82 | 92 | 91 | 84 | 86 | 85 | 85 | 60 | 61 | 65 | | 78.7 |
| | MIN | 52 | 51 | 58 | 73 | 69 | 57 | 55 | 63 | 64 | 68 | 62 | 54 | 51 | 60 | 64 | 62 | 60 | 64 | 60 | 54 | 60 | 69 | 72 | 72 | 70 | 69 | 58 | 50 | 45 | 43 | | 60.3 |
| SANDY HOOK | MAX | 76 | 74 | 82 | 84 | 82 | 79 | | | 68 | 79 | 78 | 70 | 73 | 78 | 77 | 84 | 82 | 72 | 73 | 71 | 78 | 88 | 88 | 86 | 82 | 82 | 78 | 61 | 60 | 60 | | 76.6 |
| | MIN | 59 | 64 | 72 | 70 | 63 | 63 | 62 | | 63 | 67 | 64 | 60 | 58 | 64 | 60 | 61 | 59 | 63 | 64 | 60 | 62 | 69 | 73 | 73 | 70 | 71 | 61 | 55 | 50 | 50 | | 63.1 |

## SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Standard of Time EASTERN | | | | | | | | | | | | |
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 23 | 4.0 | 9.7 | 26++ | 26 | 04 | 87 | 86 | 52 | 76 | 5 | 2 | 1 | 0 | 0 | 0 | 8 | 61 | 4.6 |
| ATLANTIC CITY ST. MARINA | - | - | - | 38 | SW | 27 | - | - | - | - | 0 | 2 | 1 | 0 | 0 | 0 | 3 | - | - |
| NEWARK WB AIRPORT | 25 | 3.3 | 9.2 | 28++ | 24 | 04 | 75 | 76 | 54 | 64 | 5 | 1 | 2 | 2 | 0 | 0 | 10 | - | 5.4 |
| TRENTON WB CITY | - | - | - | 28 | SW | 04 | - | - | - | - | 3 | 3 | 4 | 0 | 0 | 0 | 10 | 64 | 5.3 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 80 | 82 | 78 | 84 | 86 | 83 | 83 | 80 | 72 | 86 | 81 | 82 | 83 | 81 | 82 | 85 | 81 | 76 | 79 | 78 | 80 | 85 | 86 | 85 | 86 | 86 | 78 | 72 | 69 | 66 | | 80.5 |
| | | MIN | 64 | 62 | 66 | 73 | 72 | 66 | 64 | 68 | 68 | 71 | 69 | 65 | 63 | 69 | 70 | 71 | 67 | 70 | 69 | 64 | 68 | 70 | 73 | 74 | 74 | 74 | 68 | 65 | 62 | 60 | | 68.0 |
| | 2 | MAX | 78 | 79 | 76 | 82 | 83 | 81 | 81 | 79 | 72 | 84 | 80 | 79 | 80 | 89 | 80 | 82 | 80 | 75 | 78 | 76 | 78 | 82 | 84 | 83 | 83 | 83 | 77 | 71 | 68 | 66 | | 79.0 |
| | | MIN | 66 | 64 | 67 | 73 | 71 | 68 | 65 | 69 | 69 | 71 | 70 | 67 | 64 | 70 | 70 | 71 | 69 | 71 | 70 | 66 | 69 | 71 | 73 | 74 | 74 | 75 | 69 | 66 | 63 | 61 | | 68.9 |
| | 4 | MAX | 80 | 78 | 75 | 74 | 76 | 77 | 73 | 79 | 76 | 72 | 80 | 78 | 77 | 78 | 75 | 80 | 79 | 79 | 74 | 75 | 74 | 76 | 80 | 81 | 81 | 82 | 83 | 82 | 70 | 68 | | 77.1 |
| | | MIN | 75 | 69 | 68 | 68 | 73 | 68 | 69 | 68 | 70 | 70 | 72 | 67 | 66 | 71 | 70 | 69 | 71 | 71 | 71 | 68 | 69 | 69 | 72 | 74 | 75 | 75 | 75 | 70 | 68 | 63 | | 70.1 |
| | 8 | MAX | 76 | 76 | 73 | 73 | 76 | 75 | 74 | 76 | 74 | 72 | 76 | 74 | 73 | 74 | 74 | 75 | 75 | 76 | 75 | 72 | 73 | 74 | 78 | 77 | 79 | 80 | 79 | 78 | 72 | 68 | | 74.9 |
| | | MIN | 72 | 72 | 70 | 70 | 72 | 71 | 70 | 69 | 71 | 71 | 72 | 70 | 69 | 69 | 71 | 70 | 72 | 72 | 72 | 70 | 70 | 70 | 72 | 74 | 74 | 74 | 74 | 72 | 68 | 66 | | 71.0 |
| | 20 | MAX | 73 | 72 | 72 | 72 | 73 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 71 | 72 | 72 | 72 | 72 | 71 | 71 | 72 | 72 | 73 | 74 | 74 | 74 | 72 | 70 | 69 | | 72.0 |
| | | MIN | 72 | 71 | 71 | 72 | 72 | 72 | 71 | 71 | 72 | 70 | 72 | 71 | 71 | 71 | 71 | 71 | 72 | 72 | 71 | 70 | 70 | 71 | 72 | 72 | 73 | 73 | 72 | 70 | 69 | 68 | | 71.2 |
| | 40 | MAX | 72 | 72 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 72 | 70 | 70 | 71 | 71 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 71 | 71 | 71 | 71 | 70 | 70 | | 70.6 |
| | | MIN | 71 | 71 | 71 | 70 | 70 | 71 | 70 | 70 | 71 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 71 | 71 | 70 | 69 | 69 | | 70.2 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 89 | 90 | 83 | 94 | 94 | 91 | 90 | 85 | 72 | 88 | 81 | 82 | 83 | 82 | 85 | 87 | 84 | 76 | 81 | 80 | 82 | 91 | 93 | 91 | 93 | 93 | 79 | 71 | 68 | 64 | | 84.1 |
| | | MIN | 61 | 59 | 66 | 74 | 71 | 65 | 62 | 69 | 68 | 71 | 65 | 61 | 57 | 66 | 67 | 68 | 62 | 67 | 65 | 59 | 64 | 69 | 72 | 73 | 72 | 72 | 61 | 56 | 51 | 51 | | 64.8 |
| | 2 | MAX | 88 | 88 | 81 | 91 | 92 | 90 | 88 | 84 | 72 | 89 | 81 | 81 | 82 | 82 | 84 | 85 | 83 | 76 | 80 | 80 | 81 | 89 | 92 | 90 | 91 | 91 | 79 | 70 | 66 | 63 | | 83.0 |
| | | MIN | 62 | 60 | 66 | 75 | 72 | 66 | 63 | 69 | 68 | 71 | 66 | 62 | 58 | 66 | 67 | 68 | 63 | 67 | 65 | 60 | 64 | 69 | 70 | 73 | 73 | 72 | 61 | 56 | 52 | 52 | | 65.2 |
| | 4 | MAX | 82 | 82 | 78 | 85 | 86 | 84 | 83 | 80 | 72 | 82 | 77 | 75 | 77 | 77 | 78 | 80 | 78 | 74 | 76 | 75 | 77 | 83 | 85 | 84 | 85 | 85 | 77 | 69 | 64 | 62 | | 78.4 |
| | | MIN | 68 | 65 | 69 | 75 | 74 | 70 | 68 | 71 | 70 | 70 | 70 | 67 | 63 | 69 | 68 | 69 | 67 | 69 | 68 | 64 | 66 | 70 | 74 | 75 | 74 | 74 | 66 | 62 | 57 | 56 | | 68.3 |
| | 8 | MAX | 78 | 77 | 75 | 79 | 80 | 79 | 78 | 76 | 72 | 83 | 74 | 71 | 74 | 72 | 74 | 75 | 74 | 73 | 73 | 71 | 73 | 77 | 79 | 79 | 80 | 80 | 77 | 68 | 64 | 62 | | 74.9 |
| | | MIN | 73 | 71 | 72 | 74 | 75 | 73 | 71 | 72 | 72 | 70 | 71 | 70 | 67 | 70 | 70 | 70 | 71 | 70 | 70 | 67 | 69 | 70 | 74 | 75 | 75 | 75 | 68 | 64 | 62 | 60 | | 70.4 |

MAX ANO MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENOING AT MIONIGHT.

SUB-STA 1 : SLOPE OF GROUNO: FLAT. SOIL TYPE: LOAM. GROUND COVER, KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2 : SLOPE OF GROUNO: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECOROING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# EVAPORATION AND WIND

| Station | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN | 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | | EVAP | .27 | .16 | .14 | * | .25 | .12 | .23 | .17 | .10 | * | * | .08 | .26 | .17 | .02 | .07 | .03 | .15 | .06 | .08 | .08 | .13 | .18 | .12 | .10 | .10 | .18 | .25 | .02 | .01 | | 3.53 |
| | | WINO | 24 | 21 | 13 | 35 | 49 | 40 | 20 | 12 | 35 | 17 | 20 | 19 | 18 | 21 | 30 | 22 | 26 | 31 | 15 | 28 | 7 | 32 | 27 | 13 | 23 | 14 | 38 | 12 | 11 | 29 | | 702 |
| | | MAX | 88 | 79 | 83 | 75 | 89 | 90 | 90 | 91 | 76 | 70 | 83 | 83 | 82 | 82 | 74 | 73 | 88 | 83 | 74 | 73 | 80 | 83 | 92 | 95 | 90 | 91 | 91 | 88 | 66 | 63 | | 82.2 |
| | | MIN | 58 | 55 | 55 | 63 | 69 | 68 | 69 | 59 | 63 | 63 | 65 | 57 | 58 | 58 | 60 | 60 | 61 | 60 | 64 | 64 | 58 | 62 | 68 | 72 | 72 | 72 | 72 | 55 | 50 | 50 | | 62.0 |
| * * * SOUTHERN | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | | EVAP | .35 | .13 | - | .06 | .34 | .29 | .22 | .21 | - | .09 | - | .13 | .31 | .16 | .12 | .11 | .24 | .12 | .08 | .19 | .14 | .12 | .11 | .31 | .14 | .43 | .10 | .16 | .19 | .14 | | 5.54B |
| | | WINO | 81 | 57 | 41 | 67 | 125 | 82 | 46 | 41 | 45 | 26 | 56 | 35 | 28 | 34 | 52 | 31 | 62 | 39 | 64 | 38 | 39 | 65 | 61 | 33 | 37 | 43 | 60 | 57 | 50 | 60 | | 1555 |
| | | MAX | 84 | 79 | 80 | 75 | 87 | 86 | 81 | 82 | 76 | 67 | 87 | 81 | 80 | 80 | 79 | 79 | 86 | 82 | 72 | 80 | 78 | 81 | 90 | 92 | 88 | 90 | 89 | 75 | 65 | 61 | | 80.4 |
| | | MIN | 53 | 51 | 51 | 60 | 67 | 58 | 56 | 57 | 59 | 62 | 64 | 57 | 56 | 56 | 62 | 62 | 60 | 61 | 62 | 56 | 57 | 61 | 73 | 71 | 70 | 70 | 71 | 50 | 45 | 44 | | 59.4 |
| PEMBERTON 3 E | | EVAP | .21 | .16 | .04 | .07 | .16 | .17 | .15 | .05 | .03 | .05 | .17 | .16 | .15 | .08 | .10 | .10 | .16 | .09 | .09 | .10 | .08 | .10 | .11 | .13 | .12 | .16 | .05 | .05 | .09 | .08 | | 3.26 |
| | | WINO | 13 | 13 | 20 | 48 | 8 | 19 | 13 | 20 | 19 | 20 | 19 | 17 | 13 | 13 | 25 | 19 | 22 | 18 | 15 | 8 | 14 | 9 | 7 | 11 | 21 | 9 | 30 | 4 | 15 | 13 | | 495 |
| SEABROOK FARMS | | EVAP | .29 | .26 | .21 | .09 | .31 | .31 | .20 | .23 | .21 | .05 | .28 | .23 | .22 | .20 | .22 | .25 | .31 | .20 | .14 | .37 | .08 | .19 | .25 | .21 | .25 | .21 | .17 | .20 | .08 | .13 | | 6.35 |
| | | MAX | 88 | 82 | 81 | 79 | 89 | 89 | 84 | 84 | 80 | 73 | 91 | 78 | 82 | 84 | 86 | 90 | 91 | 85 | 86 | 82 | 81 | 87 | 91 | 94 | 93 | 92 | 91 | 78 | 67 | 65 | | 84.1 |
| | | MIN | 58 | 55 | 56 | 62 | 70 | 62 | 58 | 57 | 59 | 63 | 66 | 54 | 54 | 55 | 63 | 66 | 63 | 61 | 66 | 58 | 60 | 60 | 68 | 71 | 70 | 71 | 70 | 52 | 46 | 45 | | 60.6 |

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES: TEMP. | PRECIP. | EVAP. | SPECIAL SEE NOTES | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| #ATLANTIC CITY | R 0329 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F DROPPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A | | | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A | | | ROBERT WELSH |
| LITTLE FALLS | 4887 | 01 | PASSAIC | [illegible] | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMN. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | [illegible] | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | [illegible] | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | [illegible] | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | [illegible] | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| NEWARK WB AIRPORT | R 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | R. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8 | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A | | H | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA MILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WB CITY | R 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWRENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the Environmental Science Services Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

  No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data

* Amount included in following measurement, time distribution unknown.

/ Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

B "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-NOAA-ASHEVILLE-10/29/70-920

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# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
OCTOBER 1970
Volume 75 No. 10

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | Temperature: Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | No. of Days: Max. 90° or Above | Max. 32° or Below | Min. 32° or Below | Min. 0° or Below | Precipitation: Total | Departure From Normal | Greatest Day | Date | Snow, Sleet: Total | Max. Depth on Ground | Date | No. of Days: .10 or More | .50 or More | 1.00 or More |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 65.2 | 42.5 | 53.9 | - 1.0 | 78 | 9+ | 28 | 29+ | 340 | 0 | 0 | 7 | 0 | 5.90 | 2.48 | 2.40 | 23 | .0 | 0 | | 5 | 3 | 3 |
| BOONTON 1 SE | 65.9 | 44.0 | 55.0 | 1.7 | 80 | 4 | 25 | 29 | 310 | 0 | 0 | 6 | 0 | 4.03 | .63 | 1.66 | 23 | .0 | 0 | | 5 | 3 | 1 |
| CANOE BROOK | 66.7 | 41.9 | 54.3 | .6 | 80 | 9+ | 27 | 18 | 338 | 0 | 0 | 7 | 0 | 3.06 | - .35 | 1.42 | 23 | .0 | 0 | | 4 | 3 | 1 |
| CHARLOTTEBURG | 62.1 | 41.5 | 51.8 | - .5 | 78 | 9+ | 27 | 21+ | 401 | 0 | 0 | 8 | 0 | 9.02 | 5.18 | 3.22 | 23 | .0 | 0 | | 5 | 4 | 4 |
| CRANFORD | 67.9 | 47.0 | 57.5 | | 80 | 8+ | 28 | 29 | 241 | 0 | 0 | 4 | 0 | 3.34 | | 1.90 | 22 | .0 | 0 | | 3 | 2 | 2 |
| ESSEX FELLS SERV BLDG | 65.2 | 44.4 | 54.8 | | 80 | 4 | 27 | 28+ | 316 | 0 | 0 | 5 | 0 | 3.59 | | 1.43 | 22 | .0 | 0 | | 5 | 2 | 2 |
| FLEMINGTON 1 NE | 66.2 | 42.5 | 54.4 | - 1.4 | 81 | 4 | 27 | 29 | 329 | 0 | 0 | 7 | 0 | 4.80 | 1.48 | 1.72 | 23 | .0 | 0 | | 4 | 3 | 3 |
| HIGH POINT PARK | 59.7 | 42.3 | 51.0 | | 77 | 8 | 25 | 28 | 428 | 0 | 0 | 6 | 0 | 4.75 | | 1.92 | 23 | T | 0 | | 6 | 4 | 1 |
| JERSEY CITY | 64.5 | 51.7 | 58.1 | 1.4 | 79 | 3 | 34 | 28 | 220 | 0 | 0 | 0 | 0 | .94 | - 2.24 | .46 | 22 | .0 | 0 | | 2 | 0 | 0 |
| LAMBERTVILLE | 69.0 | 47.7 | 58.4 | 2.9 | 83 | 8 | 30 | 29 | 225 | 0 | 0 | 3 | 0 | 5.07 | 2.07 | 2.96 | 22 | .0 | 0 | | 4 | 3 | 2 |
| LAYTON 2 | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | 66.1 | 45.9 | 56.0 | .6 | 81 | 4 | 29 | 29 | 280 | 0 | 0 | 3 | 0 | 4.03 | .33 | 1.63 | 23 | .0 | 0 | | 5 | 3 | 2 |
| LONG VALLEY | 63.4 | 40.6 | 52.0 | | 76 | 8+ | 25 | 28+ | 395 | 0 | 0 | 9 | 0 | 7.61 | 4.04 | 3.04 | 23 | .0 | 0 | | 5 | 4 | 4 |
| MORRIS PLAINS 1 W | 65.9 | 43.1 | 54.5 | | 80 | 9+ | 26 | 29+ | 323 | 0 | 0 | 5 | 0 | 4.28 | | 1.90 | 23 | .0 | 0 | | 5 | 3 | 2 |
| NEWARK WSO R | 67.1 | 51.8 | 59.5 | 2.9 | 82 | 3 | 36 | 29 | 199 | 0 | 0 | 0 | 0 | 2.36 | - .75 | .98 | 22 | .0 | 0 | | 4 | 2 | 0 |
| NEWTON | 63.6 | 41.0 | 52.3 | - .2 | 78 | 8 | 23 | 29 | 387 | 0 | 0 | 7 | 0 | 5.33 | 1.91 | 1.91 | 15 | .0 | 0 | | 5 | 4 | 2 |
| PATERSON | 67.2 | 48.8 | 58.0 | 1.9 | 82 | 8 | 33 | 29+ | 236 | 0 | 0 | 0 | 0 | 3.44 | - .03 | 1.58 | 23 | .0 | 0 | | 5 | 3 | 1 |
| PHILLIPSBURG | 67.9M | 43.9M | 55.9M | 1.4 | 81 | 9+ | 29 | 29 | 284 | 0 | 0 | | 0 | 7.39 | 3.97 | 2.51 | 23 | .0 | 0 | | 6 | 4 | 3 |
| PLAINFIELD | 67.3 | 47.0 | 57.2 | 1.3 | 81 | 3 | 30 | 29 | 249 | 0 | 0 | 3 | 0 | 3.48 | .02 | 1.90 | 22 | .0 | 0 | | 3 | 2 | 2 |
| SOMERVILLE 3 NW | 66.0 | 43.3 | 54.7 | - .6 | 80 | 4 | 28 | 29 | 319 | 0 | 0 | 7 | 0 | 4.34 | .99 | 1.60 | 23 | .0 | 0 | | 5 | 3 | 2 |
| SUSSEX 1 SE | 63.4 | 38.1 | 50.8 | - 2.4 | 80 | 8 | 20 | 29 | 434 | 0 | 0 | 10 | 0 | 4.08 | .80 | 1.51 | 15 | .0 | 0 | | 5 | 3 | 1 |
| DIVISION | | | 55.0 | .5 | | | | | | | | | | 4.54 | 1.12 | | | T | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 67.3 | 49.0 | 58.2 | 1.0 | 81 | 3 | 36 | 20 | 224 | 0 | 0 | 0 | 0 | 3.73 | .53 | 1.12 | 22 | .0 | 0 | | 5 | 3 | 3 |
| AUDUBON | 69.9 | 50.4 | 60.2 | | 84 | 3 | 35 | 29 | 185 | 0 | 0 | 0 | 0 | 3.54 | | 2.72 | 22 | T | 0 | | 3 | 2 | 1 |
| BELLEPLAIN ST FOREST | 69.8 | 48.4 | 59.1 | | 82 | 3 | 33 | 5 | 199 | 0 | 0 | 0 | 0 | 5.94 | 2.25 | 3.04 | 22 | .0 | 0 | | 3 | 2 | 2 |
| BURLINGTON | | | | | | | | | | | | | | 2.22 | - 1.13 | 2.10 | 22 | .0 | 0 | | 1 | 1 | 1 |
| CHATSWORTH | 68.8M | 45.5M | 57.2M | | 83 | 3 | 29 | 29 | 257 | 0 | 0 | 6 | 0 | 2.05 | | 1.07 | 23 | .0 | 0 | | 5 | 1 | 1 |
| FREEHOLD | 66.7 | 45.6 | 56.2 | .1 | 81 | 4 | 29 | 29 | 274 | 0 | 0 | 3 | 0 | 1.01 | - 2.58 | .55 | 22 | .0 | 0 | | 3 | 1 | 0 |
| GLASSBORO | 67.1 | 48.5 | 57.8 | | 84 | 4 | 35 | 29 | 241 | 0 | 0 | 0 | 0 | 4.56 | | 3.15 | 22 | .0 | 0 | | 5 | 2 | 1 |
| HAMMONTON 2 NNE | 69.6M | 44.8M | 57.2M | .0 | 84 | 4 | 31 | 29+ | 251 | 0 | 0 | 2 | 0 | 3.27 | - .42 | 1.80 | 22 | .0 | 0 | | 5 | 2 | 1 |
| HIGHTSTOWN 1 N | 67.5 | 47.1 | 57.3 | 1.4 | 82 | 3 | 28 | 29 | 253 | 0 | 0 | 2 | 0 | 1.65 | - 1.67 | 1.19 | 22 | .0 | 0 | | 3 | 1 | 1 |
| INDIAN MILLS 2 W | 68.2 | 46.7 | 57.5 | 1.6 | 83 | 3 | 26 | 20 | 253 | 0 | 0 | 3 | 0 | 2.49 | - .92 | 2.05 | 22 | .0 | 0 | | 3 | 1 | 1 |
| MILLVILLE FAA AIRPORT | 67.9 | 50.5 | 59.2 | | 82 | 3 | 37 | 17 | 201 | 0 | 0 | 0 | 0 | 4.98 | | 3.48 | 22 | .0 | 0 | | 3 | 2 | 1 |
| MOORESTOWN | 68.7 | 47.6 | 58.2 | 2.3 | 81 | 8 | 31 | 29 | 226 | 0 | 0 | 1 | 0 | 3.27 | .21 | | | .0 | 0 | | | | |
| NEW BRUNSWICK | 66.3 | 46.7 | 56.5 | .4 | 78 | 9+ | 30 | 29 | 266 | 0 | 0 | 1 | 0 | 2.83 | - .33 | 1.04 | 23 | .0 | 0 | | 4 | 3 | 1 |
| PEMBERTON 3 E | 70.0 | 46.3 | 58.2 | 1.4 | 83 | 7 | 26 | 29 | 230 | 0 | 0 | 3 | 0 | 1.96 | - 1.31 | .96 | 22 | .0 | 0 | | 6 | 1 | 0 |
| SEABROOK FARMS | 68.8 | 48.8 | 58.8 | | 84 | 4 | 36 | 17 | 210 | 0 | 0 | 0 | 0 | 5.79 | | 2.64 | 23 | .0 | 0 | | 4 | 2 | 2 |
| SHILOH | 70.5M | 50.9M | 60.7M | 3.4 | 84 | 4 | 35 | 17 | 168 | 0 | 0 | 0 | 0 | 4.06 | .90 | 3.01 | 22 | .0 | 0 | | 6 | 1 | 1 |
| TOMS RIVER | 67.6 | 45.3 | 56.5 | | 83 | 4 | 28 | 29 | 265 | 0 | 0 | 3 | 0 | 3.63 | | 2.02 | 16 | .0 | 0 | | 4 | 2 | 1 |
| TRENTON WSO R | 66.3 | 51.1 | 58.7 | 1.9 | 81 | 3 | 36 | 29+ | 212 | 0 | 0 | 0 | 0 | 2.71 | - .13 | 2.12 | 22 | .0 | 0 | | 3 | 1 | 1 |
| TUCKERTON | 68.1 | 48.6 | 58.4 | | 79 | 14+ | 32 | 29 | 212 | 0 | 0 | 1 | 0 | 2.83 | | 1.35 | 22 | .0 | 0 | | 3 | 2 | 2 |
| WOODSTOWN | 69.7 | 48.2 | 59.0 | | 84 | 3 | 32 | 29 | 205 | 0 | 0 | 1 | 0 | 4.28 | | 3.65 | 22 | .0 | 0 | | 3 | 1 | 1 |
| DIVISION | | | 58.2 | 1.7 | | | | | | | | | | 3.34 | - .01 | | | T | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 63.5 | 53.5 | 58.5 | - .2 | 72 | 13 | 37 | 17 | 204 | 0 | 0 | 0 | 0 | 3.35 | - .04 | 1.34 | 22 | | | | 5 | 3 | 1 |
| CAPE MAY 1 NW | 67.2 | 52.5 | 59.9 | | 80 | 4 | 40 | 18+ | 175 | 0 | 0 | 0 | 0 | 4.83 | | 2.34 | 22 | .0 | 0 | | 5 | 2 | 2 |
| LONG BRANCH 2 S | 65.5 | 50.8 | 58.2 | 2.0 | 76 | 15+ | 33 | 18 | 219 | 0 | 0 | 0 | 0 | 1.92 | - 1.79 | .82 | 22 | .0 | 0 | | 4 | 2 | 0 |
| SANDY HOOK | 63.5 | 52.8 | 58.2 | | 75 | 3 | 38 | 17 | 213 | 0 | 0 | 0 | 0 | .90 | | .50 | 22 | .0 | 0 | | 3 | 1 | 0 |
| DIVISION | | | 58.7 | .7 | | | | | | | | | | 2.75 | - .55 | | | .0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>6 STATIONS | 84 | DATE | 04+ |
| LOWEST TEMPERATURE<br>SUSSEX 1 SE | 20 | DATE | 29 |
| GREATEST TOTAL PRECIPITATION<br>CHARLOTTEBURG | 9.02 | | |
| LEAST TOTAL PRECIPITATION<br>SANDY HOOK | .90 | | |
| GREATEST 1 DAY PRECIPITATION<br>WOODSTOWN | 3.65 | DATE | 22 |
| GREATEST TOTAL SNOWFALL<br>2 STATIONS | T | | |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NORTHERN 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BELVIDERE | 5.90 | T |  |  | .35 |  | T | .03 |  |  |  |  | T |  |  | 1.15 | .35 |  |  |  |  |  | 1.45 | 2.40 | .09 |  | .08 |  |  |  |  |  |
| BERNARDSVILLE 2 E | 4.25 | .03 |  |  | .22 |  |  |  |  |  |  |  |  |  | T | .04 | 1.05 | .03 |  |  |  |  | .88 | 1.98 |  |  | .02 | T |  |  |  |  |
| BLACKWELLS MILLS | 3.44 | .02 |  |  | .20 |  |  |  |  |  |  |  |  |  |  |  | .76 |  |  |  |  |  | .75 | 1.70 |  |  | .01 |  |  |  |  |  |
| BOONTON 1 SE | 4.03 | T | T |  | .22 |  |  |  |  |  |  |  | T |  | T | .43 | .73 | T |  |  |  |  | .99 | 1.66 |  |  | T | T |  |  |  | T |
| BOUND BROOK 2 W | 3.26 | .01 |  |  | .22 |  |  |  |  |  |  |  |  |  |  |  | .65 |  |  |  |  |  | 1.06 | 1.29 |  |  | .02 | .01 |  |  |  |  |
| BRANCHVILLE | 4.57 | .01 |  |  | .19 |  |  |  |  |  |  |  | T |  |  | 1.16 | .88 |  |  |  |  |  | .67 | 1.60 | T |  | .04 | .02 |  |  |  |  |
| CANISTEAR RESERVOIR | 5.94 | .02 |  |  | .16 |  |  |  |  |  |  |  |  |  |  | 1.17 | 1.40 |  |  |  |  |  | 1.32 | 1.83 |  |  | .02 | .02 |  |  |  |  |
| CANOE BROOK | 3.06 | T |  |  | .28 |  |  |  |  |  |  |  |  |  | T | .03 | .58 |  |  |  |  |  | .75 | 1.42 | T |  | T | T |  |  |  |  |
| CHARLOTTEBURG | 9.02 | .03 |  |  | .22 |  |  |  |  |  |  |  |  |  |  | 1.83 | 1.46 |  |  |  |  |  | 2.21 | 3.22 |  |  | .03 | .02 |  |  |  |  |
| CLINTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CRANFORD | 3.34 | T |  | T | .11 |  |  |  |  |  |  |  |  |  | T | 1.15 | .05 | T |  |  |  | .05 | 1.90 | .08 | T | T | T |  |  |  |  | T |
| ESSEX FELLS SERV BLDG | 3.59 |  |  |  | .16 |  |  |  |  |  |  |  |  |  |  | .46 | .26 |  |  |  |  |  | 1.43 | 1.28 |  |  | T |  |  |  |  |  |
| FLEMINGTON 1 NE | 4.80 | .07 |  |  | .29 |  |  |  |  |  |  |  |  |  |  |  | 1.18 |  |  |  |  |  | 1.52 | 1.72 |  |  |  | .02 |  |  |  |  |
| GREENWOOD LAKE | 7.28 |  |  |  | .20 |  |  |  |  |  |  |  |  |  |  | 1.70 | 1.85 | .02 |  |  |  |  | .96 | 2.50 |  |  | .02 | .03 |  |  |  |  |
| HIGH POINT PARK | 4.75 | T |  |  | .43 |  |  |  |  |  |  |  | T |  |  | .75 | .75 | T |  |  |  |  | .75 | 1.92 | .15 |  |  | T |  |  |  |  |
| JERSEY CITY | .94 |  |  | .31 |  |  |  |  |  |  |  |  |  |  | T | .05 | .02 |  |  |  |  | .05 | .46 | .03 |  | T | .02 |  |  |  |  |  |
| LAMBERTVILLE | 5.07 | .07 |  | .03 | .19 |  | T |  |  |  |  |  |  |  |  | .73 | .02 |  |  |  |  | .05 | 2.96 | 1.00 |  | T | .02 | T |  |  |  |  |
| LAYTON 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LITTLE FALLS | 4.03 |  |  |  | .19 |  |  |  |  |  |  |  |  |  |  | .53 | .48 | T |  |  |  |  | 1.19 | 1.63 |  |  |  | .01 |  |  |  |  |
| LONG VALLEY | 7.61 |  |  |  | .35 |  |  |  |  |  |  |  |  |  | T | 1.44 | 1.09 |  |  |  |  |  | 1.62 | 3.04 | .01 |  | .06 |  |  |  |  |  |
| MAHWAH | 4.74 | T |  |  | .23 |  |  |  |  |  |  |  |  |  |  | 1.35 | .89 | T |  |  |  |  | .75 | 1.52 |  |  | T | T |  |  |  |  |
| MIDLAND PARK | 3.73 |  |  | .25 |  |  |  |  |  |  |  |  |  |  |  | 1.09 | .01 |  |  |  |  | .25 | 1.95 | .17 |  | .01 |  |  |  |  |  |  |
| MILTON | 8.27 | .05 |  |  | .22 |  |  |  |  |  |  |  |  |  |  | 2.00 | 1.72 |  |  |  |  |  | 1.98 | 2.25 |  |  | .05 |  |  |  |  |  |
| MORRIS PLAINS 1 W | 4.28 |  |  |  | .20 |  |  |  |  |  |  | T | T |  | T | .26 | .82 |  |  |  |  |  | 1.10 | 1.90 |  | T | T | T |  |  |  |  |
| NEWARK WSO R | 2.36 |  |  | .09 |  |  |  |  |  |  |  | T |  | T | T | .94 | T |  |  |  |  | .18 | .98 | .04 |  | .10 | .03 |  |  |  |  |  |
| NEW MILFORD | 2.45 |  |  | .11 |  |  |  |  |  |  |  |  |  |  |  | .75 |  |  |  |  |  | .17 | 1.30 | .12 |  |  |  |  |  |  |  |  |
| NEWTON | 5.33 | .02 |  |  | .29 |  |  |  |  |  |  |  | T |  |  | 1.91 | .82 |  |  |  |  |  | .91 | 1.32 | T |  | .05 | .01 |  |  |  |  |
| OAK RIDGE RESERVOIR | 7.23 | .07 |  |  | .31 |  |  |  |  |  |  |  |  |  |  | 1.96 | 1.47 |  |  |  |  |  | 1.48 | 1.84 | .04 |  | .06 |  |  |  |  |  |
| PATERSON | 3.44 | T |  |  | .20 |  |  |  |  |  |  |  | T |  | T | .52 | .39 |  |  |  |  |  | .74 | 1.58 |  |  | .01 | T |  |  |  |  |
| PHILLIPSBURG | 7.39 | .02 |  |  | .32 |  |  |  |  |  |  |  |  |  |  | .70 | 2.45 |  |  |  |  |  | 1.23 | 2.51 | .04 |  | .12 |  |  |  |  |  |
| PLAINFIELD | 3.48 |  |  | .17 |  |  |  |  |  |  |  |  |  | T | T | 1.09 | T |  |  |  |  | .07 | 1.90 | .07 |  | .09 | .09 |  |  |  |  |  |
| POTTERSVILLE 2 NNW | 5.60 | T |  |  | .32 |  |  |  |  |  |  |  |  |  | .03 | .40 | 1.06 |  |  |  |  |  | 1.03 | 2.70 |  |  | .06 |  |  |  |  |  |
| RAHWAY | 2.03 |  |  |  | .11 |  |  |  |  |  |  |  |  |  |  | .85 |  |  |  |  |  | .05 | .85 | .02 |  | .10 | .05 |  |  |  |  |  |
| RINGWOOD | 6.57 | .04 |  |  | .24 |  |  |  |  |  |  |  |  |  |  | 2.12 | 1.05 |  |  |  |  | .04 | 1.15 | 1.93 |  |  | T |  |  |  |  |  |
| SOMERVILLE 3 NW | 4.34 | .05 |  |  | .22 |  |  |  |  |  |  |  |  |  | .02 |  | .78 |  |  |  |  |  | 1.48 | 1.60 |  |  | .14 | .05 |  |  |  |  |
| SPLIT ROCK POND | 7.03 |  |  |  | .29 |  |  |  |  |  |  |  |  |  | 1.68 | .82 |  |  |  |  |  |  | 2.57 | 1.67 |  |  |  |  |  |  |  |  |
| SUSSEX 1 SE | 4.08 | .03 |  |  | .35 |  |  |  |  |  |  |  | .01 |  |  | 1.51 | .81 |  | T |  |  |  | .39 | .90 | .05 |  |  | .03 |  |  |  |  |
| WANAQUE RAYMOND DAM | 4.93 | .01 |  |  | .22 |  |  |  |  |  |  |  |  |  |  | 1.35 | .95 |  |  |  |  |  | .80 | 1.60 |  |  | T | T |  |  |  |  |
| WERTSVILLE | 5.50 | .05 |  | T | .27 | T |  |  |  |  |  |  |  | .01 | T | .03 | .72 | T | T |  |  |  | 1.50 | 2.90 | .01 |  |  | .01 | T |  |  |  |
| WEST WHARTON | 6.84 |  |  |  | .21 |  |  |  |  |  |  |  |  |  |  | .90 | 1.16 |  |  |  |  |  | 2.01 | 2.49 | .01 |  | .06 |  |  |  | T |  |
| WOODCLIFF LAKE | 3.06 |  |  | .20 | .02 |  |  |  |  |  |  |  |  |  |  | 1.05 |  |  |  |  |  | .15 | 1.59 | .05 |  |  |  |  |  |  |  |  |
| * * * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SOUTHERN 02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY WSO | 3.73 |  |  | .30 |  |  | T |  |  |  |  |  |  |  |  | .24 | 1.01 |  |  |  |  | 1.02 | 1.12 | .04 |  | T | T | T |  |  |  |  |
| AUDUBON | 3.54 |  |  | .05 |  |  | T |  |  |  |  |  |  |  |  |  | T | T |  |  |  | .62 | 2.72 | .05 |  | .10 |  |  |  |  |  |  |
| BASS RIVER ST FOREST | 3.13 |  |  |  | .31 |  |  |  |  |  |  |  |  |  |  |  | 1.23 |  |  |  |  |  | 1.41 | .16 | .02 |  |  |  |  |  |  |  |
| BELLEPLAIN ST FOREST | 5.94 |  |  |  | .31 |  |  |  |  |  |  |  |  |  |  |  | 2.45 |  |  |  |  | .03 | 3.04 | .04 |  | .07 | T | T |  |  |  |  |
| BURLINGTON | 2.22 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .07 | .05 |  |  |  |  | 2.10 |  |  |  |  |  |  |  |  |  |
| CANTON | 3.62 | .01 |  |  | .10 |  |  |  |  |  |  |  |  |  | .01 |  |  |  |  |  |  |  | 2.00 | 1.50 |  |  |  |  |  |  |  |  |
| CHATSWORTH | 2.05 |  |  |  | .37 |  |  |  |  |  |  |  |  |  |  | .07 | .32 |  |  |  |  |  |  | 1.07 | .11 | .11 |  |  |  |  |  |  |
| FORTESCUE | 4.10 |  |  |  | .29 |  |  |  |  |  |  |  |  |  |  |  | .12 |  |  |  |  |  | 1.56 | 2.00 |  |  | .13 |  |  |  |  |  |
| FREEHOLD | 1.01 |  |  | T | .12 |  |  |  |  |  |  |  |  | .04 |  |  | .03 |  |  |  |  |  | .55 | .24 | .03 |  |  | T |  |  |  |  |
| GLASSBORO | 4.56 |  |  |  | .15 |  |  |  |  |  |  |  |  |  |  | .02 |  |  |  |  | .02 | .95 | 3.15 | .15 | .02 | .10 |  |  |  |  |  |  |
| HAMMONTON 2 NNE | 3.27 |  |  |  | .29 |  |  |  |  |  |  |  |  |  |  |  | .11 |  |  |  |  | T | 1.80 | .95 | .01 |  | .11 | T |  |  |  |  |
| HIGHTSTOWN 1 N | 1.65 |  |  | T | .11 |  | T |  |  |  |  |  |  |  | .01 | .05 | .22 |  |  |  |  | .03 | 1.19 | .02 |  | T | .02 |  |  |  |  |  |
| INDIAN MILLS 2 W | 2.49 |  |  | .17 | .05 |  | T |  |  |  |  |  |  |  |  | T | .11 |  |  |  |  | .07 | 2.05 | .03 |  | .01 | T |  |  |  |  |  |
| MAYS LANDING 1 W | 3.77 | .01 |  |  | .32 |  |  |  |  |  |  |  |  |  |  |  | .40 | .03 |  |  |  | T | 2.48 | .47 | T |  | .05 | .01 |  |  |  |  |
| MILLVILLE FAA AIRPORT | 4.98 |  |  | .36 |  |  |  |  |  |  |  |  |  |  |  | .05 | .08 |  |  |  |  | .97 | 3.48 | .04 |  | T | T | T |  |  | T |  |
| MOORESTOWN | 3.27 | .01 |  |  | .04 |  | T | T |  |  |  |  |  |  |  |  | .04 |  |  |  |  |  | * | 3.07 |  |  | .11 |  |  |  |  |  |
| NEW BRUNSWICK | 2.83 |  |  |  | .25 |  |  |  |  |  |  |  |  | T | T |  | .74 |  |  |  |  |  | .76 | 1.04 | T | T | .04 | T |  |  |  |  |
| PEMBERTON 3 E | 1.96 |  |  |  | .22 |  | .12 |  |  |  |  |  |  |  |  |  | .11 |  |  |  |  | .03 | .96 | .42 |  | .10 |  |  |  |  |  |  |
| PRINCETON WATER WORKS | 3.57 |  |  | .28 |  |  |  |  |  |  |  |  |  |  |  | 1.02 |  |  |  |  |  | .44 | 1.81 | .02 |  |  |  |  |  |  |  |  |
| SEABROOK FARMS | 5.79 | .02 | T |  | .28 | T |  |  |  |  |  | .01 | T | T |  |  | .14 | T |  |  |  | T | 2.60 | 2.64 | .01 |  | .09 | T |  |  |  |  |
| SHILOH | 4.06 |  |  |  | .35 |  |  |  |  |  |  |  |  |  |  | .02 | .15 |  |  |  |  | .25 | 3.01 | .14 |  | .10 | .04 |  |  |  |  |  |
| TOMS RIVER | 3.63 |  |  |  | .23 |  |  |  |  |  |  |  |  | .02 | T |  | 2.02 | .05 |  |  |  | .04 | .81 | .28 | .05 |  | .08 | .05 |  |  |  |  |
| TRENTON WSO R | 2.71 |  |  | .11 |  |  | T |  |  |  |  |  |  | T |  | .07 | T |  |  |  |  | .40 | 2.12 | T |  | T | .01 |  |  |  |  |  |
| TUCKERTON | 2.83 |  |  |  | .26 |  | T |  |  |  |  |  |  |  |  |  | 1.14 | T |  |  |  | .05 | 1.35 | .01 | T | T | .02 | T |  |  |  |  |
| WOODSTOWN | 4.28 |  |  | T | .06 |  | T |  |  |  |  |  |  | T |  | .02 | .01 |  |  |  |  | .23 | 3.65 | .23 |  | .03 | .05 |  |  |  |  |  |
| * * * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| COASTAL 03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATLANTIC CITY R | 3.35 |  |  | .30 |  |  |  |  |  |  |  |  |  |  |  | .16 | .74 |  |  |  |  | .72 | 1.34 | .06 |  | .01 | .01 | .01 |  |  |  |  |
| CAPE MAY 1 NW | 4.83 |  |  |  | .27 |  |  |  |  |  |  |  |  |  |  |  | 1.72 | .04 |  |  |  |  | 2.34 | .26 | .01 |  |  | .13 | .06 |  |  |  |
| LONG BRANCH 2 S | 1.92 | .08 |  |  | .16 |  |  |  |  |  |  |  |  |  | T | .02 | .69 |  |  |  |  | .10 | .82 | .05 |  |  | T |  |  |  |  |  |
| SANDY HOOK | .90 |  |  |  |  | .16 |  |  |  |  |  |  |  | .01 |  | .01 |  |  |  |  | .13 | .05 | .50 | .02 |  |  |  | .02 |  |  |  |  |

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 58 | 64 | 66 | 77 | 59 | 68 | 72 | 78 | 78 | 72 | 74 | 70 | 72 | 71 | 74 | 68 | 57 | 51 | 58 | 67 | 61 | 61 | 62 | 66 | 67 | 58 | 63 | 57 | 58 | 58 | 55 | 65.2 |
| | MIN | 41 | 38 | 40 | 40 | 34 | 33 | 45 | 46 | 48 | 50 | 50 | 53 | 53 | 57 | 56 | 46 | 31 | 32 | 31 | 29 | 43 | 52 | 58 | 46 | 48 | 48 | 44 | 28 | 28 | 30 | 38 | 42.5 |
| BOONTON 1 SE | MAX | 60 | 67 | 69 | 80 | 60 | 66 | 73 | 79 | 78 | 74 | 77 | 72 | 73 | 72 | 75 | 69 | 58 | 49 | 64 | 62 | 61 | 61 | 65 | 71 | 70 | 58 | 58 | 52 | 55 | 58 | 56 | 65.9 |
| | MIN | 41 | 38 | 55 | 48 | 40 | 40 | 45 | 48 | 48 | 48 | 56 | 54 | 58 | 59 | 59 | 46 | 33 | 28 | 38 | 26 | 30 | 51 | 58 | 55 | 55 | 44 | 43 | 27 | 25 | 31 | 38 | 44.0 |
| CANOE BROOK | MAX | 61 | 67 | 70 | 80 | 62 | 68 | 74 | 79 | 80 | 73 | 75 | 78 | 74 | 74 | 76 | 69 | 59 | 49 | 67 | 64 | 61 | 64 | 65 | 69 | 72 | 59 | 58 | 50 | 57 | 58 | 55 | 66.7 |
| | MIN | 39 | 41 | 38 | 40 | 34 | 38 | 44 | 41 | 48 | 51 | 51 | 56 | 56 | 58 | 60 | 47 | 31 | 27 | 37 | 28 | 32 | 48 | 55 | 45 | 42 | 41 | 44 | 30 | 29 | 32 | 35 | 41.9 |
| CHARLOTTEBURG | MAX | 55 | 62 | 65 | 74 | 56 | 61 | 67 | 78 | 78 | 71 | 72 | 69 | 70 | 71 | 70 | 65 | 54 | 45 | 62 | 60 | 58 | 58 | 60 | 64 | 61 | 54 | 53 | 50 | 55 | 55 | 53 | 62.1 |
| | MIN | 41 | 38 | 39 | 39 | 33 | 34 | 40 | 45 | 48 | 51 | 55 | 54 | 54 | 58 | 60 | 45 | 31 | 30 | 30 | 27 | 27 | 49 | 56 | 50 | 49 | 42 | 42 | 28 | 28 | 28 | 35 | 41.5 |
| CRANFORD | MAX | 68 | 70 | 80 | 68 | 67 | 75 | 80 | 80 | 76 | 75 | 75 | 75 | 76 | 77 | 75 | 68 | 51 | 66 | 64 | 61 | 64 | 65 | 70 | 71 | 67 | 57 | 57 | 57 | 58 | 55 | 57 | 67.9 |
| | MIN | 45 | 42 | 50 | 45 | 35 | 44 | 47 | 50 | 52 | 54 | 61 | 56 | 56 | 61 | 60 | 48 | 34 | 32 | 38 | 32 | 51 | 59 | 63 | 55 | 53 | 46 | 46 | 32 | 28 | 39 | 43 | 47.0 |
| ESSEX FELLS SERV BLDG | MAX | 60 | 65 | 67 | 80 | 61 | 65 | 72 | 79 | 79 | 72 | 75 | 70 | 74 | 71 | 75 | 68 | 57 | 47 | 64 | 62 | 62 | 61 | 65 | 68 | 69 | 58 | 58 | 51 | 53 | 57 | 55 | 65.2 |
| | MIN | 41 | 40 | 53 | 42 | 35 | 40 | 47 | 50 | 52 | 52 | 55 | 56 | 59 | 60 | 62 | 46 | 32 | 29 | 37 | 27 | 38 | 54 | 60 | 47 | 51 | 42 | 42 | 27 | 28 | 34 | 38 | 44.4 |
| FLEMINGTON 1 NE | MAX | 62 | 62 | 70 | 81 | 62 | 65 | 72 | 80 | 79 | 73 | 77 | 72 | 74 | 72 | 76 | 71 | 58 | 48 | 65 | 64 | 62 | 64 | 64 | 72 | 71 | 60 | 54 | 51 | 55 | 58 | 58 | 66.2 |
| | MIN | 38 | 36 | 38 | 40 | 33 | 36 | 47 | 46 | 47 | 48 | 58 | 53 | 53 | 53 | 62 | 48 | 32 | 29 | 38 | 29 | 28 | 52 | 58 | 47 | 52 | 47 | 45 | 29 | 27 | 29 | 38 | 42.5 |
| HIGH POINT PARK | MAX | 50 | 57 | 61 | 68 | 54 | 58 | 67 | 77 | 76 | 70 | 68 | 65 | 66 | 69 | 71 | 63 | 52 | 43 | 60 | 55 | 56 | 55 | 60 | 67 | 65 | 51 | 50 | 43 | 50 | 52 | 51 | 59.7 |
| | MIN | 40 | 41 | 46 | 38 | 33 | 37 | 49 | 53 | 54 | 56 | 55 | 54 | 54 | 56 | 57 | 41 | 27 | 27 | 35 | 29 | 32 | 45 | 52 | 52 | 46 | 43 | 37 | 25 | 28 | 35 | 35 | 42.3 |
| JERSEY CITY | MAX | 67 | 66 | 79 | 62 | 66 | 67 | 73 | 74 | 70 | 74 | 69 | 69 | 69 | 72 | 68 | 64 | 47 | 63 | 63 | 58 | 64 | 66 | 69 | 70 | 60 | 57 | 51 | 54 | 58 | 54 | 55 | 64.5 |
| | MIN | 50 | 51 | 58 | 51 | 46 | 50 | 60 | 60 | 60 | 60 | 60 | 60 | 62 | 61 | 62 | 44 | 37 | 41 | 49 | 39 | 55 | 57 | 62 | 56 | 53 | 50 | 43 | 34 | 36 | 48 | 49 | 51.7 |
| LAMBERTVILLE | MAX | 70 | 73 | 82 | 65 | 68 | 76 | 82 | 83 | 76 | 81 | 72 | 78 | 76 | 77 | 73 | 70 | 51 | 67 | 68 | 64 | 66 | 63 | 73 | 72 | 65 | 57 | 54 | 60 | 60 | 58 | 60 | 69.0 |
| | MIN | 42 | 42 | 55 | 42 | 37 | 47 | 48 | 51 | 52 | 59 | 60 | 59 | 56 | 61 | 65 | 49 | 36 | 35 | 37 | 31 | 50 | 60 | 60 | 56 | 54 | 44 | 44 | 32 | 30 | 39 | 45 | 47.7 |
| LAYTON 2 | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | MAX | 61 | 67 | 69 | 81 | 61 | 66 | 72 | 80 | 80 | 74 | 76 | 73 | 75 | 74 | 76 | 69 | 59 | 53 | 66 | 62 | 61 | 62 | 66 | 61 | 70 | 58 | 58 | 52 | 55 | 58 | 55 | 66.1 |
| | MIN | 46 | 43 | 48 | 44 | 37 | 41 | 47 | 49 | 52 | 51 | 56 | 56 | 57 | 62 | 62 | 49 | 35 | 35 | 40 | 31 | 40 | 54 | 59 | 51 | 53 | 45 | 45 | 31 | 29 | 37 | 39 | 45.9 |
| LONG VALLEY | MAX | 57 | 64 | 70 | 76 | 58 | 64 | 68 | 76 | 75 | 70 | 72 | 68 | 71 | 68 | 71 | 67 | 54 | 46 | 64 | 62 | 59 | 60 | 62 | 68 | 68 | 57 | 56 | 49 | 54 | 57 | 54 | 63.4 |
| | MIN | 43 | 40 | 45 | 35 | 29 | 37 | 43 | 41 | 46 | 48 | 59 | 51 | 50 | 55 | 55 | 42 | 30 | 25 | 30 | 26 | 28 | 51 | 58 | 46 | 45 | 44 | 41 | 25 | 30 | 26 | 34 | 40.6 |
| MORRIS PLAINS I W | MAX | 60 | 66 | 69 | 80 | 61 | 66 | 72 | 80 | 80 | 74 | 76 | 71 | 74 | 73 | 75 | 69 | 59 | 48 | 66 | 62 | 61 | 62 | 64 | 71 | 72 | 57 | 57 | 51 | 55 | 57 | 54 | 65.9 |
| | MIN | 38 | 37 | 40 | 41 | 32 | 37 | 44 | 45 | 49 | 50 | 54 | 53 | 56 | 57 | 62 | 45 | 34 | 35 | 36 | 26 | 30 | 51 | 58 | 54 | 51 | 45 | 43 | 31 | 26 | 33 | 42 | 43.1 |
| NEWARK WSO | MAX | 68 | 70 | 82 | 63 | 66 | 71 | 79 | 80 | 74 | 74 | 73 | 72 | 73 | 77 | 71 | 62 | 50 | 67 | 64 | 62 | 65 | 68 | 72 | 72 | 61 | 60 | 55 | 55 | 59 | 57 | 57 | 67.1 |
| | MIN | 51 | 52 | 58 | 49 | 43 | 50 | 55 | 58 | 60 | 60 | 63 | 63 | 62 | 65 | 62 | 42 | 37 | 40 | 47 | 42 | 56 | 62 | 60 | 57 | 56 | 50 | 45 | 37 | 36 | 43 | 45 | 51.8 |
| NEWTON | MAX | 56 | 64 | 67 | 74 | 58 | 63 | 71 | 78 | 77 | 73 | 75 | 70 | 70 | 71 | 73 | 67 | 55 | 45 | 64 | 59 | 59 | 60 | 63 | 69 | 68 | 54 | 56 | 48 | 53 | 56 | 55 | 63.6 |
| | MIN | 40 | 36 | 38 | 40 | 33 | 35 | 43 | 41 | 46 | 50 | 50 | 49 | 53 | 57 | 62 | 46 | 32 | 30 | 35 | 24 | 25 | 49 | 58 | 53 | 48 | 44 | 42 | 25 | 23 | 29 | 36 | 41.0 |
| PATERSON | MAX | 62 | 66 | 68 | 80 | 65 | 68 | 74 | 82 | 80 | 73 | 76 | 73 | 75 | 76 | 78 | 69 | 60 | 50 | 67 | 63 | 67 | 62 | 67 | 70 | 72 | 59 | 59 | 51 | 58 | 58 | 56 | 67.2 |
| | MIN | 46 | 46 | 53 | 48 | 42 | 45 | 53 | 55 | 55 | 56 | 60 | 61 | 61 | 63 | 64 | 49 | 36 | 36 | 45 | 36 | 39 | 57 | 60 | 54 | 55 | 47 | 45 | 33 | 33 | 38 | 41 | 48.8 |
| PHILLIPSBURG | MAX | 63 | 68 | 71 | 80 | 63 | 68 | 73 | 81 | 81 | 75 | 77 | 73 | 76 | 75 | 77 | 70 | 58 | 50 | 68 | 66 | 62 | 63 | 64 | 66 | 70 | 66 | 62 | 53 | 58 | 59 | | 67.9 |
| | MIN | 44 | 39 | 38 | 41 | 34 | 34 | 49 | 48 | 49 | 48 | 60 | 55 | 54 | 58 | 62 | 49 | 34 | 34 | 42 | 30 | 31 | 52 | 53 | 48 | 47 | 50 | 45 | 30 | 29 | 31 | | 43.9 |
| PLAINFIELD | MAX | 68 | 70 | 81 | 65 | 68 | 76 | 80 | 80 | 73 | 76 | 74 | 76 | 75 | 78 | 69 | 70 | 51 | 66 | 65 | 62 | 64 | 64 | 70 | 71 | 59 | 54 | 50 | 57 | 59 | 57 | 57 | 67.3 |
| | MIN | 44 | 42 | 52 | 43 | 35 | 45 | 48 | 51 | 52 | 55 | 60 | 56 | 58 | 61 | 61 | 49 | 35 | 31 | 38 | 33 | 51 | 58 | 61 | 50 | 51 | 45 | 45 | 32 | 30 | 41 | 44 | 47.0 |
| SOMERVILLE 3 NW | MAX | 62 | 67 | 69 | 80 | 63 | 65 | 72 | 79 | 79 | 73 | 76 | 71 | 74 | 72 | 75 | 70 | 59 | 48 | 64 | 64 | 63 | 64 | 64 | 65 | 70 | 57 | 56 | 51 | 57 | 59 | 57 | 66.0 |
| | MIN | 41 | 38 | 41 | 40 | 32 | 33 | 45 | 45 | 48 | 50 | 55 | 55 | 57 | 60 | 62 | 47 | 32 | 29 | 38 | 32 | 34 | 51 | 59 | 46 | 48 | 46 | 45 | 32 | 28 | 31 | 41 | 43.3 |
| SUSSEX 1 SE | MAX | 55 | 63 | 63 | 75 | 59 | 63 | 70 | 80 | 79 | 73 | 73 | 73 | 70 | 73 | 73 | 65 | 56 | 46 | 63 | 60 | 60 | 60 | 63 | 65 | 69 | 54 | 54 | 47 | 53 | 53 | 55 | 63.4 |
| | MIN | 36 | 34 | 34 | 34 | 28 | 31 | 39 | 44 | 43 | 44 | 52 | 54 | 50 | 53 | 57 | 43 | 28 | 25 | 31 | 21 | 33 | 46 | 55 | 45 | 46 | 40 | 39 | 21 | 20 | 22 | 32 | 38.1 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | MAX | 68 | 71 | 81 | 66 | 67 | 71 | 74 | 74 | 74 | 75 | 72 | 75 | 74 | 77 | 80 | 67 | 49 | 64 | 65 | 61 | 66 | 66 | 69 | 68 | 66 | 60 | 54 | 55 | 58 | 59 | 60 | 67.3 |
| | MIN | 44 | 42 | 58 | 42 | 40 | 52 | 48 | 50 | 51 | 54 | 54 | 53 | 56 | 66 | 66 | 37 | 37 | 42 | 40 | 36 | 58 | 61 | 54 | 51 | 52 | 51 | 47 | 38 | 37 | 51 | 52 | 49.0 |
| AUDUBON | MAX | 70 | 74 | 84 | 66 | 71 | 80 | 83 | 81 | 80 | 76 | 71 | 77 | 80 | 79 | 77 | 67 | 51 | 68 | 69 | 64 | 68 | 65 | 71 | 73 | 69 | 59 | 55 | 56 | 61 | 59 | 63 | 69.9 |
| | MIN | 46 | 44 | 58 | 47 | 39 | 53 | 52 | 54 | 54 | 61 | 60 | 56 | 59 | 65 | 64 | 45 | 38 | 46 | 42 | 37 | 52 | 61 | 60 | 51 | 55 | 49 | 47 | 39 | 35 | 45 | 48 | 50.4 |
| BELLEPLAIN ST FOREST | MAX | 70 | 71 | 82 | 79 | 69 | 74 | 77 | 76 | 77 | 77 | 74 | 76 | 76 | 81 | 80 | 75 | 58 | 66 | 71 | 63 | 68 | 68 | 69 | 68 | 67 | 60 | 57 | 56 | 59 | 59 | 61 | 69.8 |
| | MIN | 42 | 38 | 60 | 43 | 33 | 47 | 47 | 48 | 50 | 56 | 61 | 52 | 54 | 60 | 62 | 48 | 35 | 37 | 35 | 35 | 55 | 61 | 63 | 49 | 51 | 51 | 46 | 43 | 34 | 51 | 53 | 48.4 |
| BURLINGTON | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHATSWORTH | MAX | 70 | 72 | 83 | 78 | 69 | 73 | 81 | 78 | 76 | | 77 | 80 | 77 | 79 | 78 | 71 | 50 | 56 | 67 | 68 | 62 | 68 | 65 | 70 | 72 | 59 | 56 | 52 | 58 | 58 | 60 | 68.8 |
| | MIN | 42 | 37 | 54 | 42 | 31 | 45 | 46 | 48 | 50 | | 53 | 57 | 56 | 58 | 62 | 47 | 31 | 31 | 31 | 32 | 52 | 50 | 61 | 52 | 49 | 47 | 47 | 36 | 29 | 44 | 45 | 45.5 |
| FREEHOLD | MAX | 64 | 66 | 70 | 81 | 63 | 66 | 74 | 79 | 80 | 73 | 75 | 72 | 76 | 72 | 78 | 75 | 59 | 50 | 65 | 62 | 62 | 65 | 66 | 68 | 70 | 63 | 56 | 50 | 54 | 58 | 56 | 66.7 |
| | MIN | 44 | 41 | 47 | 44 | 36 | 43 | 49 | 50 | 50 | 54 | 56 | 52 | 52 | 59 | 63 | 48 | 33 | 30 | 41 | 31 | 39 | 56 | 60 | 50 | 50 | 45 | 45 | 34 | 29 | 38 | 44 | 45.6 |
| GLASSBORO | MAX | 66 | 67 | 70 | 84 | 63 | 68 | 75 | 80 | 78 | 78 | 77 | 75 | 77 | 79 | 72 | 67 | 48 | 49 | 66 | 66 | 63 | 67 | 64 | 68 | 71 | 62 | 58 | 52 | 54 | 58 | 57 | 67.1 |
| | MIN | 45 | 44 | 50 | 49 | 39 | 42 | 52 | 52 | 52 | 54 | 62 | 51 | 59 | 63 | 65 | 47 | 40 | 40 | 38 | 36 | 39 | 57 | 61 | 52 | 55 | 49 | 47 | 38 | 35 | 42 | 47 | 48.5 |
| HAMMONTON 2 NNE | MAX | 68 | 69 | 72 | 84 | 66 | 69 | 76 | 80 | 82 | 76 | 78 | 74 | 78 | 79 | 81 | 79 | 59 | 55 | 69 | 69 | 64 | | 66 | 70 | 74 | 67 | 57 | 53 | 55 | 60 | 59 | 69.6 |
| | MIN | 44 | 39 | 42 | 46 | 38 | 42 | 47 | 49 | 49 | 51 | 58 | 51 | 52 | 61 | 62 | 46 | 34 | 35 | 39 | 31 | 33 | | 59 | 49 | 50 | 44 | 45 | 36 | 31 | 38 | 43 | 44.8 |
| HIGHTSTOWN 1 N | MAX | 68 | 72 | 82 | 64 | 66 | 75 | 81 | 80 | 75 | 75 | 73 | 76 | 75 | 77 | 73 | 70 | 48 | 65 | 64 | 62 | 65 | 67 | 70 | 70 | 64 | 56 | 52 | 53 | 58 | 57 | 59 | 67.5 |
| | MIN | 42 | 40 | 57 | 43 | 35 | 45 | 48 | 52 | 50 | 57 | 54 | 54 | 60 | 63 | 64 | 48 | 35 | 33 | 38 | 30 | 50 | 60 | 62 | 49 | 54 | 45 | 46 | 33 | 28 | 39 | 45 | 47.1 |
| INDIAN MILLS 2 W | MAX | 68 | 70 | 83 | 63 | 67 | 75 | 80 | 77 | 76 | 79 | 74 | 76 | 79 | 78 | 74 | 68 | 49 | 65 | 67 | 64 | 67 | 64 | 69 | 70 | 68 | 58 | 55 | 54 | 59 | 58 | 60 | 68.2 |
| | MIN | 41 | 36 | 57 | 41 | 31 | 45 | 46 | 48 | 49 | 57 | 61 | 52 | 57 | 61 | 64 | 48 | 34 | 37 | 37 | 26 | 51 | 60 | 62 | 47 | 55 | 45 | 47 | 37 | 29 | 42 | 44 | 46.7 |
| MILLVILLE FAA AIRPORT | MAX | 68 | 70 | 82 | 63 | 67 | 72 | 76 | 76 | 76 | 78 | 75 | 74 | 76 | 77 | 77 | 66 | 50 | 64 | 66 | 62 | 69 | 65 | 69 | 70 | 67 | 58 | 53 | 58 | 60 | 59 | 61 | 67.9 |
| | MIN | 46 | 42 | 57 | 40 | 38 | 55 | 49 | 52 | 54 | 59 | 58 | 56 | 61 | 64 | 66 | 40 | 37 | 45 | 41 | 40 | 55 | 62 | 57 | 51 | 57 | 50 | 47 | 43 | 40 | 51 | 51 | 50.5 |
| MOORESTOWN | MAX | 66 | 70 | 71 | 72 | 64 | 68 | 75 | 81 | 79 | 78 | 80 | 80 | 77 | 78 | 78 | 75 | 60 | 52 | 67 | 68 | 63 | 67 | 64 | 72 | 72 | 68 | 59 | 52 | 55 | 60 | 59 | 68.7 |
| | MIN | 42 | 40 | 56 | 47 | 35 | 40 | 49 | 50 | 50 | 55 | 61 | 49 | 57 | 63 | 65 | 50 | 35 | 40 | 35 | 34 | 52 | 57 | 62 | 51 | 51 | 49 | 46 | 37 | 31 | 40 | 48 | 47.6 |
| NEW BRUNSWICK | MAX | 62 | 67 | 69 | 78 | 60 | 65 | 73 | 78 | 78 | 72 | 73 | 73 | 75 | 74 | 77 | 70 | 59 | 50 | 64 | 63 | 62 | 65 | 67 | 70 | 71 | 60 | 56 | 56 | 54 | 57 | 57 | 66.3 |
| | MIN | 43 | 42 | 47 | 45 | 38 | 41 | 48 | 50 | 52 | 53 | 59 | 56 | 59 | 61 | 63 | 49 | 35 | 35 | 43 | 36 | 39 | 56 | 59 | 52 | 52 | 46 | 45 | 33 | 30 | 36 | 45 | 46.7 |
| PEMBERTON 3 E | MAX | 70 | 72 | 82 | 75 | 70 | 75 | 83 | 80 | 75 | 78 | 76 | 80 | 80 | 78 | 77 | 72 | 56 | 68 | 67 | 62 | 67 | 65 | 70 | 75 | 69 | 60 | 56 | 52 | 60 | 59 | 60 | 70.0 |
| | MIN | 40 | 38 | 56 | 41 | 32 | 45 | 47 | 48 | 49 | 54 | 57 | 52 | 59 | 59 | 63 | 48 | 34 | 34 | 34 | 29 | 51 | 60 | 60 | 46 | 56 | 46 | 48 | 38 | 26 | 39 | 47 | 46.3 |

See Reference Notes Following Station Index

Continued

## DAILY TEMPERATURES

NEW JERSEY
OCTOBER 1970

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEABROOK FARMS | MAX | 67 | 69 | 72 | 84 | 64 | 68 | 75 | 79 | 78 | 78 | 80 | 75 | 78 | 77 | 80 | 74 | 59 | 51 | 65 | 68 | 65 | 69 | 65 | 69 | 71 | 68 | 58 | 53 | 55 | 60 | 59 | 68.8 |
| | MIN | 47 | 43 | 49 | 48 | 39 | 45 | 51 | 52 | 54 | 55 | 55 | 55 | 59 | 63 | 65 | 50 | 36 | 38 | 39 | 38 | 42 | 57 | 62 | 50 | 53 | 50 | 48 | 39 | 38 | 43 | 49 | 48.8 |
| SHILOH | MAX | 67 | 71 | 83 | 84 | 69 | 75 | 80 | 78 | 79 | 78 | 80 | 77 | 76 | 78 | 76 | 69 | 55 | 65 | 69 | 66 | 67 | 65 | 69 | 71 | 77 | 59 | 57 | 56 | 60 | 58 | | 70.5 |
| | MIN | 46 | 44 | 60 | 47 | 43 | 53 | 54 | 52 | 54 | 59 | 63 | 55 | 59 | 63 | 65 | 47 | 35 | 41 | 43 | 38 | 52 | 60 | 62 | 52 | 57 | 50 | 47 | 39 | 37 | 49 | | 50.9 |
| TOMS RIVER | MAX | 67 | 68 | 70 | 83 | 63 | 67 | 72 | 80 | 77 | 72 | 74 | 74 | 73 | 73 | 81 | 80 | 60 | 50 | 65 | 63 | 62 | 65 | 66 | 70 | 70 | 64 | 62 | 55 | 52 | 59 | 60 | 67.6 |
| | MIN | 45 | 39 | 41 | 46 | 34 | 37 | 47 | 49 | 51 | 49 | 51 | 51 | 56 | 56 | 65 | 49 | 36 | 32 | 36 | 31 | 34 | 59 | 60 | 50 | 49 | 50 | 48 | 39 | 28 | 35 | 52 | 45.3 |
| TRENTON WSO | MAX | 67 | 70 | 81 | 60 | 66 | 73 | 80 | 78 | 73 | 75 | 70 | 73 | 77 | 76 | 73 | 60 | 49 | 64 | 64 | 61 | 65 | 64 | 71 | 70 | 62 | 56 | 52 | 53 | 57 | 56 | 58 | 66.3 |
| | MIN | 48 | 47 | 59 | 47 | 43 | 54 | 55 | 57 | 56 | 60 | 60 | 59 | 62 | 64 | 60 | 42 | 38 | 45 | 46 | 40 | 53 | 61 | 59 | 55 | 56 | 50 | 43 | 36 | 36 | 45 | 49 | 51.1 |
| TUCKERTON | MAX | 70 | 70 | 79 | 71 | 70 | 73 | 75 | 76 | 74 | 74 | 72 | 74 | 76 | 79 | 69 | 69 | 61 | 67 | 66 | 64 | 66 | 65 | 68 | 71 | 64 | 60 | 56 | 54 | 59 | 58 | 60 | 68.1 |
| | MIN | 46 | 41 | 63 | 45 | 36 | 45 | 46 | 50 | 50 | 52 | 63 | 52 | 54 | 53 | 63 | 49 | 35 | 34 | 41 | 34 | 56 | 60 | 62 | 51 | 50 | 50 | 49 | 42 | 32 | 51 | 53 | 48.6 |
| WOODSTOWN | MAX | 69 | 72 | 84 | 70 | 70 | 77 | 81 | 79 | 78 | 81 | 76 | 77 | 78 | 80 | 73 | 70 | 56 | 67 | 68 | 65 | 68 | 66 | 65 | 72 | 67 | 60 | 58 | 55 | 59 | 58 | 62 | 69.7 |
| | MIN | 42 | 40 | 52 | 46 | 36 | 51 | 48 | 50 | 50 | 57 | 62 | 54 | 57 | 62 | 63 | 50 | 35 | 39 | 37 | 35 | 47 | 54 | 57 | 57 | 55 | 50 | 46 | 38 | 32 | 48 | 45 | 48.2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 65 | 65 | 70 | 62 | 64 | 66 | 68 | 69 | 70 | 70 | 68 | 69 | 72 | 69 | 71 | 64 | 47 | 63 | 63 | 59 | 62 | 63 | 65 | 66 | 62 | 58 | 53 | 53 | 57 | 56 | 58 | 63.5 |
| | MIN | 49 | 52 | 58 | 50 | 45 | 56 | 60 | 57 | 59 | 63 | 63 | 58 | 63 | 65 | 64 | 42 | 37 | 44 | 44 | 53 | 57 | 60 | 57 | 53 | 55 | 52 | 48 | 44 | 42 | 54 | 55 | 53.5 |
| CAPE MAY 1 NW | MAX | 67 | 68 | 71 | 80 | 64 | 68 | 71 | 73 | 72 | 74 | 74 | 73 | 72 | 76 | 75 | 77 | 58 | 53 | 65 | 67 | 64 | 66 | 66 | 68 | 67 | 66 | 59 | 54 | 56 | 59 | 59 | 67.2 |
| | MIN | 45 | 46 | 47 | 51 | 44 | 50 | 57 | 54 | 55 | 61 | 64 | 61 | 61 | 63 | 66 | 53 | 40 | 40 | 52 | 45 | 47 | 61 | 62 | 55 | 55 | 54 | 47 | 45 | 45 | 47 | 56 | 52.5 |
| LONG BRANCH 2 S | MAX | 66 | 68 | 76 | 71 | 65 | 71 | 75 | 75 | 70 | 71 | 66 | 69 | 68 | 74 | 76 | 70 | 51 | 63 | 61 | 61 | 64 | 64 | 67 | 68 | 64 | 58 | 55 | 52 | 57 | 58 | 57 | 65.5 |
| | MIN | 49 | 47 | 62 | 47 | 41 | 48 | 53 | 55 | 55 | 54 | 62 | 58 | 59 | 63 | 66 | 49 | 37 | 33 | 45 | 36 | 56 | 57 | 61 | 53 | 52 | 51 | 48 | 42 | 34 | 50 | 51 | 50.8 |
| SANDY HOOK | MAX | 65 | 66 | 75 | 74 | 64 | 67 | 74 | 72 | 68 | 66 | 64 | 68 | 65 | 71 | 68 | 68 | 56 | 60 | 59 | 58 | 61 | 63 | 65 | 68 | 62 | 55 | 54 | 51 | 54 | 54 | 53 | 63.5 |
| | MIN | 53 | 53 | 62 | 53 | 48 | 53 | 55 | 59 | 56 | 60 | 60 | 60 | 61 | 62 | 64 | 50 | 38 | 41 | 50 | 48 | 52 | 58 | 59 | 55 | 55 | 50 | 46 | 40 | 40 | 48 | 48 | 52.8 |

## SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent Standard of Time EASTERN | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | 7 | 1.9 | 9.5 | 28++ | 13 | 22 | 87 | 85 | 60 | 81 | 4 | 1 | 2 | 0 | 3 | 0 | 10 | 47 | 7.3 |
| ATLANTIC CITY ST. MARINA | - | - | - | 39 | NW | 03 | - | - | - | - | 0 | 4 | 2 | 2 | 1 | 0 | 9 | - | - |
| NEWARK WB AIRPORT | 4 | 1.3 | 8.6 | 25++ | 29 | 03 | 76 | 79 | 57 | 67 | 4 | 3 | 2 | 2 | 0 | 0 | 11 | - | 6.7 |
| TRENTON WB CITY | - | - | - | 29 | NW | 17+ | - | - | - | - | 5 | 2 | 2 | 0 | 0 | 1 | 10 | 42 | 6.9 |

# EVAPORATION AND WIND

| Station | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 18 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN | 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | | EVAP | .13 | .10 | .05 | .07 | .14 | .09 | .07 | .07 | .08 | .00 | .07 | .06 | .16 | .00 | .00 | .11 | .16 | .05 | .12 | .08 | .07 | .01 | - | .14 | .07 | .05 | .00 | .13 | .09 | .02 | .05 | 2.318 |
| | | WIND | 4 | 16 | 31 | 31 | 20 | 14 | 15 | 19 | 0 | 9 | 23 | 13 | 17 | 18 | 37 | 16 | 47 | 49 | 23 | 19 | 34 | 90 | 72 | 17 | 12 | 43 | 65 | 38 | 13 | 19 | 28 | 852 |
| | | MAX | 61 | 69 | 66 | 67 | 75 | 68 | 69 | 75 | 76 | 71 | 72 | 76 | 76 | 73 | 76 | 70 | 62 | 61 | 62 | 64 | 58 | 60 | 64 | 67 | 69 | 62 | 55 | 51 | 55 | 51 | 52 | 65.6 |
| | | MIN | 49 | 51 | 53 | 52 | 54 | 46 | 52 | 54 | 58 | 60 | 61 | 61 | 63 | 63 | 65 | 56 | 41 | 40 | 39 | 40 | 39 | 51 | 60 | 55 | 55 | 50 | 46 | 39 | 38 | 41 | 42 | 50.8 |
| * * * SOUTHERN | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | | EVAP | .01 | .08 | .08 | .06 | .03 | .11 | .09 | .13 | .07 | - | .10 | .06 | .08 | .09 | .07 | .07 | .17 | .12 | .16 | .09 | .11 | .00 | .00 | .08 | .06 | .04 | * | .15 | .08 | .09 | .06 | 2.428 |
| | | WIND | 20 | 15 | 47 | 61 | 63 | 34 | 25 | 31 | 21 | 19 | 53 | 72 | 75 | 37 | 53 | 54 | 104 | 94 | 98 | 23 | 57 | 102 | 71 | 46 | 66 | 57 | 83 | 60 | 52 | 51 | 75 | 1719 |
| | | MAX | 58 | 68 | 66 | 75 | 59 | 66 | 70 | 75 | 75 | 70 | 73 | 72 | 75 | 73 | 75 | 68 | 59 | 51 | 61 | 62 | 56 | 60 | 63 | 66 | 66 | 57 | 53 | 48 | 52 | 51 | 54 | 63.8 |
| | | MIN | 45 | 47 | 50 | 50 | 41 | 41 | 52 | 52 | 56 | 55 | 60 | 60 | 60 | 62 | 64 | 52 | 38 | 37 | 42 | 41 | 40 | 53 | 59 | 54 | 54 | 49 | 46 | 38 | 36 | 37 | 44 | 48.9 |
| PEMBERTON 3 E | | EVAP | .04 | .07 | .13 | .08 | .06 | .08 | .19 | .08 | .06 | .06 | .04 | .09 | .07 | .07 | .06 | .11 | .10 | .08 | .08 | .04 | .03 | .00 | .47 | .06 | .03 | .03 | .08 | .06 | .05 | .03 | .07 | 2.50 |
| | | WIND | 13 | 17 | 34 | 17 | 10 | 19 | 15 | 10 | 16 | 41 | 24 | 11 | 10 | 20 | 23 | 31 | 37 | 27 | 16 | 25 | 48 | 86 | 28 | 7 | 24 | 45 | 67 | 30 | 19 | 50 | 42 | 862 |
| SEABROOK FARMS | | EVAP | .13 | .14 | .08 | .28 | .19 | .14 | .14 | .16 | .12 | .08 | .14 | .14 | .08 | .13 | .09 | .08 | .18 | * | .28 | .14 | .08 | - | .11 | .08 | * | .15 | .11 | .10 | .07 | .08 | .05 | 3.678 |
| | | MAX | 68 | 73 | 70 | 81 | 70 | 70 | 74 | 79 | 77 | 76 | 78 | 77 | 78 | 80 | 79 | 72 | 61 | - | 65 | 68 | 60 | 62 | 64 | 70 | - | 74 | 59 | 59 | 55 | 57 | 56 | 69.4 |
| | | MIN | 45 | 49 | 49 | 51 | 44 | 44 | 55 | 55 | 56 | 58 | 61 | 60 | 60 | 62 | 64 | 53 | 37 | - | 39 | 42 | 41 | 52 | 60 | 54 | - | 51 | 46 | 39 | 38 | 39 | 47 | 50.0 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 71 | 67 | 73 | 67 | 67 | 69 | 71 | 72 | 71 | 72 | 72 | 73 | 73 | 73 | 71 | 64 | 60 | 57 | 62 | 59 | 62 | 65 | 66 | 66 | 63 | 60 | 57 | 61 | 59 | 59 | 59 | 65.8 |
| | | MIN | 59 | 58 | 62 | 61 | 56 | 60 | 59 | 61 | 62 | 63 | 65 | 64 | 66 | 67 | 64 | 58 | 55 | 52 | 52 | 51 | 57 | 61 | 63 | 60 | 60 | 57 | 56 | 50 | 48 | 51 | 54 | 58.5 |
| | 2 | MAX | 69 | 67 | 71 | 67 | 66 | 68 | 70 | 70 | 70 | 70 | 70 | 71 | 71 | 72 | 80 | 64 | 60 | 57 | 61 | 59 | 62 | 64 | 65 | 65 | 63 | 60 | 57 | 60 | 58 | 58 | 59 | 65.3 |
| | | MIN | 61 | 59 | 63 | 62 | 57 | 61 | 60 | 62 | 63 | 64 | 65 | 65 | 66 | 67 | 64 | 59 | 56 | 53 | 54 | 53 | 57 | 61 | 63 | 61 | 60 | 57 | 57 | 52 | 50 | 52 | 54 | 59.3 |
| | 4 | MAX | 66 | 68 | 64 | 69 | 65 | 69 | 68 | 68 | 70 | 67 | 70 | 70 | 70 | 72 | 71 | 74 | 66 | 60 | 58 | 61 | 60 | 62 | 66 | 65 | 65 | 63 | 60 | 61 | 59 | 59 | 59 | 65.3 |
| | | MIN | 63 | 64 | 61 | 64 | 59 | 65 | 61 | 61 | 63 | 63 | 65 | 65 | 66 | 66 | 68 | 66 | 58 | 56 | 55 | 54 | 53 | 59 | 62 | 62 | 62 | 60 | 58 | 57 | 54 | 52 | 53 | 60.5 |
| | 8 | MAX | 66 | 67 | 65 | 68 | 66 | 64 | 67 | 67 | 69 | 67 | 66 | 68 | 69 | 70 | 70 | 71 | 67 | 60 | 62 | 61 | 61 | 62 | 65 | 64 | 64 | 63 | 62 | 62 | 59 | 59 | 59 | 64.8 |
| | | MIN | 65 | 64 | 64 | 65 | 63 | 62 | 63 | 63 | 64 | 65 | 65 | 66 | 66 | 66 | 68 | 67 | 54 | 59 | 59 | 58 | 58 | 59 | 62 | 63 | 63 | 61 | 60 | 59 | 57 | 58 | 58 | 62.0 |
| | 20 | MAX | 68 | 67 | 67 | 67 | 66 | 66 | 66 | 66 | 67 | 67 | 67 | 67 | 68 | 68 | 68 | 67 | 66 | 64 | 63 | 62 | 62 | 63 | 64 | 64 | 63 | 63 | 62 | 61 | 60 | 59 | 59 | 64.7 |
| | | MIN | 67 | 67 | 67 | 66 | 66 | 65 | 65 | 65 | 66 | 66 | 66 | 66 | 67 | 67 | 66 | 66 | 64 | 63 | 62 | 62 | 62 | 62 | 62 | 63 | 63 | 62 | 61 | 60 | 59 | 59 | 59 | 63.9 |
| | 40 | MAX | 69 | 68 | 68 | 67 | 67 | 67 | 66 | 66 | 67 | 67 | 67 | 67 | 67 | 67 | 68 | 67 | 66 | 66 | 65 | 64 | 64 | 64 | 64 | 64 | 64 | 63 | 63 | 63 | 63 | 62 | 62 | 65.5 |
| | | MIN | 68 | 68 | 67 | 67 | 67 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 67 | 67 | 67 | 66 | 65 | 65 | 64 | 64 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 62 | 62 | 61 | 64.9 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 71 | 68 | 76 | 67 | 68 | 72 | 76 | 76 | 74 | 75 | 76 | 78 | 76 | 77 | 72 | 62 | 62 | 54 | 65 | 61 | 63 | 66 | 69 | 69 | 61 | 59 | 54 | 58 | 57 | 58 | 59 | 67.1 |
| | | MIN | 52 | 52 | 58 | 53 | 46 | 56 | 55 | 58 | 59 | 61 | 63 | 63 | 65 | 67 | 62 | 47 | 43 | 43 | 44 | 44 | 55 | 61 | 61 | 56 | 58 | 52 | 51 | 44 | 42 | 47 | 50 | 53.8 |
| | 2 | MAX | 70 | 68 | 75 | 67 | 67 | 71 | 75 | 73 | 73 | 74 | 75 | 77 | 75 | 76 | 72 | 62 | 61 | 54 | 65 | 59 | 63 | 66 | 68 | 69 | 61 | 59 | 54 | 57 | 57 | 57 | 58 | 66.4 |
| | | MIN | 52 | 52 | 58 | 53 | 47 | 56 | 55 | 58 | 59 | 61 | 63 | 63 | 65 | 67 | 62 | 48 | 44 | 44 | 44 | 44 | 55 | 61 | 61 | 56 | 58 | 52 | 51 | 44 | 42 | 47 | 50 | 53.9 |
| | 4 | MAX | 67 | 65 | 70 | 63 | 64 | 67 | 70 | 68 | 70 | 71 | 71 | 72 | 72 | 73 | 70 | 62 | 59 | 54 | 60 | 58 | 61 | 65 | 66 | 66 | 61 | 58 | 54 | 56 | 55 | 56 | 56 | 63.9 |
| | | MIN | 57 | 56 | 60 | 58 | 52 | 57 | 58 | 61 | 61 | 62 | 64 | 64 | 66 | 67 | 62 | 54 | 50 | 48 | 48 | 49 | 55 | 61 | 63 | 59 | 58 | 54 | 54 | 48 | 48 | 50 | 52 | 56.6 |
| | 8 | MAX | 65 | 64 | 67 | 63 | 61 | 64 | 66 | 66 | 67 | 67 | 68 | 69 | 69 | 70 | 70 | 63 | 58 | 56 | 59 | 57 | 60 | 63 | 64 | 64 | 61 | 58 | 57 | 55 | 54 | 55 | 56 | 62.5 |
| | | MIN | 61 | 61 | 62 | 61 | 58 | 60 | 61 | 63 | 64 | 64 | 65 | 65 | 66 | 67 | 63 | 58 | 56 | 54 | 54 | 54 | 56 | 60 | 63 | 61 | 58 | 57 | 55 | 53 | 52 | 52 | 54 | 59.3 |

: MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1: SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2: SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WSO | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| #ATLANTIC CITY R | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F DRORPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDANL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A | | | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A | | | ROBERT WELSH |
| LITTLE FALLS | 4887 | 01 | PASSAIC | [illegible] | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 1 | 40 47 | 74 47 | 550 | 7A | 7A | | N | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | [illegible] | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| NEWARK WSO R | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A | | H | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WSO R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWRENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN 11-ROCKAWAY

# REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tons of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| - | No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.<br>No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry. |
| + | And also on an earlier date or dates. |
| ++ | Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data. |
| * | Amount included in following measurement, time distribution unknown. |
| | Gage is equipped with a windshield. |
| B | Adjusted to a full month. |
| D | Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall. |
| M | One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month. |
| R | Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.) |
| T | Trace, an amount too small to measure. |
| V | Includes total for previous month. |

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| AR | This entry in time of observation column in Station Index means after rain. |
| C | Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin. |
| G | "Soil Temperature" table. |
| H | "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month. |
| J | "Supplemental Data" table. |
| S | Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin. |
| SS | This entry in time of observation column in Station Index means observation made near sunset. |
| VAR | This entry in time of observation column in Station Index means variable. |
| # | Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building. |

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
NOVEMBER 1970
Volume 75 No. 11

THE LIBRARY OF THE
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AT URBANA-CHAMPAIGN

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 52.9 | 35.4 | 44.2 | 1.4 | 64 | 12+ | 17 | 25+ | 620 | 0 | 0 | 9 | 0 | 5.20 | 1.34 | 1.13 | 5 | .0 | 0 | | 10 | 6 | 1 |
| BOONTON 1 SE | 52.8M | 34.8M | 43.8M | 1.3 | | | 19 | 26 | 629 | 0 | 0 | | 0 | 6.74 | 2.72 | 1.29 | 13 | .0 | 0 | | 9 | 7 | 2 |
| CANOE BROOK | 54.2 | 33.0 | 43.6 | .6 | 65 | 8+ | 17 | 26 | 640 | 0 | 0 | 14 | 0 | 6.28 | 2.18 | 1.09 | 5 | .0 | 0 | | 10 | 6 | 1 |
| CHARLOTTEBURG | 49.6 | 34.0 | 41.8 | - .2 | 63 | 2 | 17 | 26+ | 690 | 0 | 1 | 9 | 0 | 7.21 | 2.72 | 1.23 | 13 | .0 | 0 | | 10 | 7 | 4 |
| CRANFORD | 55.3 | 39.0 | 47.2 | | 65 | 7+ | 18 | 24 | 528 | 0 | 0 | 7 | 0 | 6.73 | | 1.45 | 5 | .0 | 0 | | 10 | 6 | 3 |
| ESSEX FELLS SERV BLDG | 53.3 | 36.4 | 44.9 | | 65 | 2 | 14 | 25 | 602 | 0 | 0 | 6 | 0 | 5.79 | | 1.63 | 12 | .0 | 0 | | 9 | 6 | 1 |
| FLEMINGTON 1 NE | 53.2 | 34.8 | 44.0 | - .3 | 65 | 8+ | 16 | 25 | 622 | 0 | 0 | 12 | 0 | 5.05 | 1.31 | 1.42 | 5 | .0 | 0 | | 10 | 3 | 1 |
| HIGH POINT PARK | 47.4 | 32.3 | 39.9 | | 61 | 8 | 11 | 26 | 746 | 0 | 2 | 13 | 0 | 6.30 | | 1.36 | 5 | T | 0 | | 9 | 5 | 1 |
| JERSEY CITY | 53.7 | 42.1 | 47.9 | 2.2 | 65 | 7 | 22 | 24 | 505 | 0 | 0 | 4 | 0 | 3.37 | - .05 | .79 | 13 | .0 | 0 | | 9 | 2 | 0 |
| LAMBERTVILLE | 55.7 | 37.7 | 46.7 | 2.3 | 68 | 11+ | 20 | 24 | 540 | 0 | 0 | 8 | 0 | 5.39 | 1.68 | .87 | 12 | .0 | 0 | | 10 | 6 | 0 |
| LAYTON 2 | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | 53.8 | 38.0 | 45.9 | 1.3 | 65 | 8 | 20 | 24 | 565 | 0 | 0 | 7 | 0 | 5.80 | 1.52 | 1.07 | 13 | .0 | 0 | | 10 | 5 | 3 |
| LONG VALLEY | 51.5 | 35.8 | 43.7 | | 65 | 2 | 14 | 25 | 633 | 0 | 1 | 7 | 0 | 6.13 | 1.88 | 1.44 | 5 | .0 | 0 | | 9 | 7 | 1 |
| MORRIS PLAINS 1 W | 52.9 | 34.5 | 43.7 | | 65 | 8+ | 13 | 25 | 633 | 0 | 0 | 10 | 0 | 6.47 | | 1.21 | 13 | T | 0 | | 10 | 7 | 1 |
| NEWARK WSO R | 55.9 | 42.2 | 49.1 | 3.7 | 65 | 7+ | 23 | 24 | 472 | 0 | 0 | 4 | 0 | 4.41 | 1.04 | .99 | 13 | .0 | 0 | | 10 | 5 | 0 |
| NEWTON | 51.0 | 33.7 | 42.4 | 1.2 | 63 | 2 | 14 | 25 | 673 | 0 | 1 | 13 | 0 | 4.70 | 1.07 | .76 | 5 | .0 | 0 | | 10 | 5 | 0 |
| PATERSON | 54.5 | 39.7 | 47.1 | 2.0 | 67 | 8 | 20 | 24 | 531 | 0 | 0 | 5 | 0 | 6.59 | 2.55 | 1.76 | 14 | .0 | 0 | | 10 | 6 | 2 |
| PHILLIPSBURG | 53.4 | 36.3 | 44.9 | 1.5 | 66 | 12+ | 19 | 25+ | 596 | 0 | 0 | 10 | 0 | 5.64 | 1.97 | 1.72 | 5 | .0 | 0 | | 9 | 4 | 1 |
| PLAINFIELD | 54.0 | 38.6 | 46.3 | 1.5 | 65 | 7+ | 18 | 25 | 555 | 0 | 0 | 7 | 0 | 5.17 | 1.34 | 1.22 | 13 | .0 | 0 | | 11 | 4 | 1 |
| SOMERVILLE 3 NW | 53.0 | 35.7 | 44.4 | .5 | 67 | 2 | 16 | 26+ | 612 | 0 | 0 | 11 | 0 | 4.89 | 1.23 | 1.34 | 5 | .0 | 0 | | 9 | 4 | 1 |
| SUSSEX 1 SE | 50.3 | 31.1 | 40.7 | - 1.3 | 63 | 8 | 13 | 26+ | 722 | 0 | 0 | 13 | 0 | 5.18 | 1.37 | .96 | 5 | .0 | 0 | | 10 | 5 | 0 |
| DIVISION | | | 44.6 | 1.1 | | | | | | | | | | 5.65 | 1.77 | | | T | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 56.0 | 39.2 | 47.6 | .9 | 66 | 11 | 21 | 24 | 515 | 0 | 0 | 7 | 0 | 5.73 | 2.07 | 1.80 | 4 | .0 | 0 | | 9 | 5 | 1 |
| AUDUBON | 57.7 | 40.2 | 49.0 | | 69 | 11+ | 21 | 24 | 474 | 0 | 0 | 6 | 0 | 5.56 | | 1.34 | 11 | .0 | 0 | | 9 | 3 | 2 |
| BELLEPLAIN ST FOREST | 58.3 | 38.6 | 48.5 | | 70 | 10 | 17 | 24 | 489 | 0 | 0 | 9 | 0 | 4.09 | .06 | 1.19 | 12 | .0 | 0 | | 6 | 3 | 2 |
| BURLINGTON | 53.8M | 42.2M | 48.0M | 1.4 | 64 | 12+ | 24 | 26+ | 499 | 0 | 0 | | 0 | 4.68 | 1.02 | 1.33 | 12 | .0 | 0 | | 9 | 4 | 1 |
| CHATSWORTH | 57.3M | 37.3M | 47.3M | | 69 | 10+ | 17 | 25 | 523 | 0 | 0 | 8 | 0 | 5.06 | | 1.18 | 15 | .0 | 0 | | 10 | 5 | 1 |
| FREEHOLD | 54.1 | 38.2 | 46.2 | .7 | 67 | 8 | 17 | 24 | 558 | 0 | 0 | 7 | 0 | 6.32 | 2.36 | 2.08 | 5 | .0 | 0 | | 10 | 4 | 1 |
| GLASSBORO | 55.7 | 39.8 | 47.8 | | 69 | 11 | 20 | 26+ | 511 | 0 | 0 | 7 | 0 | 5.51 | | 1.28 | 14 | .0 | 0 | | 10 | 4 | 2 |
| HAMMONTON 2 NNE | 57.8 | 36.3 | 47.1 | .4 | 70 | 11 | 12 | 25 | 534 | 0 | 1 | 9 | 0 | 5.08 | 1.34 | 1.32 | 15 | .0 | 0 | | 9 | 3 | 2 |
| HIGHTSTOWN 1 N | 55.1 | 38.5 | 46.8 | 1.6 | 65 | 11+ | 19 | 24 | 537 | 0 | 0 | 7 | 0 | 5.46 | 2.07 | 1.17 | 4 | .0 | 0 | | 10 | 4 | 1 |
| INDIAN MILLS 2 W | 56.9 | 36.8 | 46.9 | 1.7 | 68 | 10+ | 16 | 26 | 540 | 0 | 0 | 11 | 0 | 6.05 | 2.34 | 1.21 | 15 | .0 | 0 | | 10 | 5 | 2 |
| MILLVILLE FAA AIRPORT | 56.4 | 38.7 | 47.6 | | 69 | 10+ | 20 | 24 | 515 | 0 | 0 | 8 | 0 | 4.84 | | 1.21 | 11 | .0 | 0 | | 9 | 4 | 1 |
| MOORESTOWN | 55.3 | 39.1 | 47.2 | 2.2 | 68 | 8 | 20 | 24 | 528 | 0 | 0 | 8 | 0 | 5.53 | 1.92 | 1.32 | 5 | .0 | 0 | | 10 | 4 | 3 |
| NEW BRUNSWICK | 53.5 | 39.0 | 46.3 | 1.0 | 65 | 8 | 19 | 24 | 555 | 0 | 0 | 6 | 0 | 5.89 | 2.25 | 1.29 | 5 | .0 | 0 | | 11 | 5 | 1 |
| PEMBERTON 3 E | 57.8 | 38.6 | 48.2 | 1.9 | 70 | 7 | 18 | 26+ | 495 | 0 | 0 | 9 | 0 | 4.88 | 1.37 | .95 | 13 | .0 | 0 | | 9 | 5 | 0 |
| SEABROOK FARMS | 56.1 | 40.3 | 48.2 | | 71 | 11 | 20 | 25+ | 495 | 0 | 0 | 5 | 0 | 5.59 | | 1.50 | 15 | .0 | 0 | | 9 | 4 | 1 |
| SHILOH | 56.6 | 40.6 | 48.6 | 2.3 | 68 | 10 | 19 | 24 | 484 | 0 | 1 | 6 | 0 | 4.67 | .94 | 1.42 | 15 | .0 | 0 | | 10 | 2 | 1 |
| TOMS RIVER | 56.0 | 38.3 | 47.2 | | 69 | 8 | 18 | 25+ | 527 | 0 | 0 | 8 | 0 | 4.85 | | .90 | 13 | .0 | 0 | | 10 | 4 | 0 |
| TRENTON WSO R | 54.3 | 41.9 | 48.1 | 2.3 | 66 | 11 | 22 | 24 | 502 | 0 | 0 | 4 | 0 | 4.70 | 1.54 | .92 | 15 | .0 | 0 | | 10 | 4 | 0 |
| TUCKERTON | 56.8 | 39.0 | 47.9 | | 66 | 7 | 16 | 24 | 508 | 0 | 0 | 9 | 0 | 5.51 | | 1.12 | 15 | .0 | 0 | | 10 | 4 | 2 |
| WOODSTOWN | 57.6 | 37.5 | 47.6 | | 70 | 10 | 18 | 24 | 516 | 0 | 0 | 9 | 0 | 5.53 | | 1.29 | 13 | .0 | 0 | | 9 | 5 | 2 |
| DIVISION | | | 47.6 | 1.9 | | | | | | | | | | 5.28 | 1.54 | | | .0 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 54.0 | 42.5 | 48.3 | .0 | 62 | 1 | 23 | 24 | 493 | 0 | 0 | 4 | 0 | 4.37 | .58 | .96 | 15 | | | | 9 | 3 | 0 |
| CAPE MAY 1 NW | 56.0 | 43.9 | 50.0 | | 67 | 11 | 24 | 25+ | 443 | 0 | 0 | 4 | 0 | 5.70 | | 2.29 | 5 | .0 | 0 | | 8 | 3 | 2 |
| LONG BRANCH 2 S | 54.7 | 40.9 | 47.8 | 2.1 | 66 | 7 | 19 | 24 | 508 | 0 | 0 | 7 | 0 | 5.10 | 1.29 | 1.06 | 15 | .0 | 0 | | 10 | 6 | 1 |
| SANDY HOOK | 52.8M | 44.4M | 48.6M | | 61 | 7 | | | 485 | 0 | | | 0 | 5.03 | | 1.57 | 13 | .0 | 0 | | 7 | 4 | 1 |
| DIVISION | | | 48.7 | 1.3 | | | | | | | | | | 5.05 | 1.46 | | | .0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>SEABROOK FARMS | 71 | DATE | 11 |
| LOWEST TEMPERATURE<br>HIGH POINT PARK | 11 | DATE | 26 |
| GREATEST TOTAL PRECIPITATION<br>CHARLOTTEBURG | 7.21 | | |
| LEAST TOTAL PRECIPITATION<br>JERSEY CITY | 3.37 | | |
| GREATEST 1 DAY PRECIPITATION<br>PRINCETON WATER WORKS | 2.66 | DATE | 04 |
| GREATEST TOTAL SNOWFALL<br>2 STATIONS | T | | |

**See Reference Notes Following Station Index**

SPECIAL WEATHER SUMMARY ON PAGE 88

# NEW JERSEY - NOVEMBER 1970

## SPECIAL WEATHER SUMMARY

Temperatures and rainfall were above normal in all areas of the State. The most severe weather of the month occurred on the 4th, when a small tornado passed over the northern portion of the Atlantic City beach area, doing some $100,000 damages to the Steel Pier, according to preliminary estimates. That same afternoon the Point Pleasant Beach area received up to 2-1/2 feet of hail in a storm which lasted for several hours. High wind, heavy rains, and lightning did considerable damage along the New Jersey shore area that afternoon and evening.

Donald V. Dunlap
NOAA Climatologist - New Jersey
Department of Meteorology
College of Agriculture and
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Rutgers University, The State
University of New Jersey
New Brunswick, New Jersey 08901

# DAILY PRECIPITATION

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 5.20 | | | | .08 | 1.13 | T | | | | | .53 | .60 | .52 | .62 | .69 | .11 | | | .17 | | .45 | | T | | | | | | T | .30 | . |
| BERNARDSVILLE 2 E | 6.14 | | | .02 | .03 | 1.18 | | | | | | .39 | .65 | 1.14 | .76 | .79 | .16 | | | .34 | | .44 | | .02 | | | | | | T | .22 | . |
| BLACKWELLS MILLS | 5.35 | | | .05 | .07 | 1.60 | | | | | | .30 | .26 | .59 | .69 | .76 | .04 | | | .28 | .10 | .41 | | | | | | | | | .20 | . |
| BOONTON 1 SE | 6.74 | | | T | .03 | 1.10 | T | T | | | T | .58 | .95 | 1.29 | .81 | .72 | .14 | | | .48 | T | .59 | T | T | | | | | | T | .05 | . |
| BOUND BROOK 2 W | 4.97 | | | .07 | .07 | 1.39 | | | | | | .21 | .34 | .62 | .67 | .74 | | | | .22 | | .40 | | | | | | | | | .24 | . |
| BRANCHVILLE | 4.78 | | | | .06 | .75 | | | | | | .56 | .27 | .75 | .75 | .64 | .09 | | | .40 | | .30 | | .01 | | | | | | | .20 | . |
| CANISTEAR RESERVOIR | 5.85 | | | T | .02 | .88 | T | | | | | .57 | .86 | .85 | .81 | .68 | .18 | | | .28 | T | .46 | | .05 | | | | | | | .21 | . |
| CANOE BROOK | 6.28 | | T | | .13 | 1.09 | T | | | | T | .43 | .81 | .96 | .96 | .68 | .05 | | | .41 | | .59 | | T | | | | | | T | .17 | . |
| CHARLOTTEBURG | 7.21 | | | .01 | .08 | 1.00 | T | | | | | .78 | 1.02 | 1.23 | 1.08 | .70 | .24 | | | .29 | T | .52 | | .04 | | | | | | | .22 | . |
| CLINTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| CRANFORD | 6.73 | | .04 | T | .10 | 1.45 | .02 | | | | .04 | .70 | .50 | 1.37 | .34 | 1.00 | | | | .38 | T | .59 | | T | | | | | T | T | .20 | . |
| ESSEX FELLS SERV BLDG | 5.79 | | | | .01 | .75 | | | | | T | .50 | 1.63 | .95 | .63 | .57 | .12 | | | | | .48 | | T | | | | | | | .15 | . |
| FLEMINGTON 1 NE | 5.05 | | T | .11 | .05 | 1.42 | .01 | | | | | .38 | .41 | .68 | | .80 | .11 | | | .28 | | .42 | | T | | | | | | T | .38 | . |
| GREENWOOD LAKE | 7.03 | | | .04 | .08 | .80 | | | | | | .98 | .85 | 1.06 | 1.00 | .70 | .27 | .02 | | .32 | | .60 | | .04 | | | | | | .02 | .25 | . |
| HIGH POINT PARK | 6.30 | | T | .05 | .06 | 1.36 | | | | .03 | T | .70 | .47 | .96 | .69 | .81 | .06 | | T | .40 | T | .43 | | .03 | | | | | | | .25 | . |
| JERSEY CITY | 3.37 | | | .14 | .46 | | | | | | .19 | .67 | .48 | .79 | T | .34 | | | | .11 | .16 | | | .01 | | | | | | .02 | T | . |
| LAMBERTVILLE | 5.39 | | T | .01 | .66 | .56 | | | | | .03 | .61 | .87 | .82 | .03 | .81 | T | | | .21 | .29 | .17 | | T | | | | | T | | .32 | . |
| LAYTON 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| LITTLE FALLS | 5.80 | | | T | .10 | .76 | | | | | .02 | .25 | 1.00 | 1.07 | 1.03 | .63 | .01 | | | .29 | | .46 | | T | | | | | | | .18 | . |
| LONG VALLEY | 6.13 | | .02 | | .02 | 1.44 | | | | | | .56 | .58 | .80 | .68 | .83 | .05 | | | .33 | | .54 | | .04 | | | | | | | .24 | . |
| MAHWAH | 6.14 | | | T | .03 | .76 | .01 | | | | | .47 | 1.33 | .94 | .96 | .50 | .12 | | | .18 | | .53 | | .09 | | | | | | T | .22 | . |
| MIDLAND PARK | 6.62 | | | .03 | .85 | .28 | | | | | .50 | .74 | .46 | 1.88 | .08 | .68 | | | | .22 | .70 | | | .02 | | | | | | .18 | | . |
| MILTON | 6.31 | | | .02 | .03 | .89 | .01 | | | | | .55 | .47 | .98 | 1.12 | .91 | .18 | | | .47 | | .43 | | | | | | | | .03 | .22 | . |
| MORRIS PLAINS 1 W | 6.47 | | | T | T | .89 | .02 | | | | | .40 | .77 | 1.21 | .79 | .80 | .27 | | | .51 | | .56 | | .02 | | T | | | | T | .23 | . |
| NEWARK WSO R | 4.41 | | .01 | .11 | .55 | .01 | | | | | .31 | .51 | .26 | .99 | .06 | .68 | | | | .23 | .56 | | | T | | | | | T | .13 | T | . |
| NEW MILFORD | 4.86 | | | .09 | .53 | .07 | | | | | .50 | .82 | .18 | 1.49 | .01 | .49 | | | | .13 | .45 | | | | | | | | | | .10 | . |
| NEWTON | 4.70 | | | .01 | .02 | .76 | .01 | | | | | .50 | .22 | .69 | .68 | .63 | .18 | | | .40 | | .33 | | .02 | | | | | | T | .25 | . |
| OAK RIDGE RESERVOIR | 5.89 | | | | .06 | .91 | | | | | | .43 | .54 | .91 | 1.13 | .72 | .19 | | | .33 | T | .38 | | .02 | | | | | | .03 | .24 | . |
| PATERSON | 6.59 | | | T | .10 | .75 | T | | | | .08 | .30 | .50 | 1.35 | 1.76 | .71 | .04 | | | .20 | | .53 | | .03 | | | | | | .03 | .21 | . |
| PHILLIPSBURG | 5.64 | | | | .05 | 1.72 | | | | | | .41 | .81 | .48 | .50 | .67 | .18 | | | | | .48 | | | | | | | | | .34 | . |
| PLAINFIELD | 5.17 | | .09 | .10 | .90 | .03 | | | | | .24 | .31 | .55 | 1.22 | | .82 | | | | .18 | .34 | .20 | | | | | | | T | | .19 | . |
| POTTERSVILLE 2 NNW | 5.70 | | .05 | .02 | T | 1.39 | | | | | | .45 | .41 | .61 | .52 | .94 | .04 | | | .52 | | .47 | | T | | | | | | .04 | .24 | . |
| RAHWAY | 4.65 | | .06 | .11 | .79 | | | | | | .16 | .34 | .48 | 1.26 | .69 | .02 | | | | .13 | .50 | | | | | | | | | .11 | | . |
| RINGWOOD | 5.18 | | | T | | .77 | | | | | T | .47 | .99 | .75 | .62 | .52 | .06 | | | .24 | | .55 | | | | | | | | | .21 | . |
| SOMERVILLE 3 NW | 4.89 | | | .05 | .06 | 1.34 | | | | | .28 | | .31 | .53 | .62 | .76 | .02 | | | .17 | | .47 | | T | | | | | | .03 | .25 | . |
| SPLIT ROCK POND | 6.28 | | | | .20 | .90 | | | | | | .88 | | .95 | .88 | .85 | .18 | | | .37 | | .78 | .05 | | | | | | | | .24 | . |
| SUSSEX 1 SE | 5.18 | | | T | .06 | .96 | .01 | | | | | .61 | .23 | .78 | .82 | .51 | .29 | | | .31 | | .31 | | .04 | | | | | | | .25 | . |
| WANAQUE RAYMOND DAM | 6.14 | | | T | .02 | .88 | | | | | | .50 | 1.05 | .75 | 1.10 | .60 | .10 | | | .25 | | .58 | | .07 | | | | | | T | .24 | . |
| WERTSVILLE | 5.16 | | | .05 | .03 | 1.47 | | | | | | .23 | .44 | .72 | .41 | .75 | .04 | .01 | | .32 | .01 | .41 | T | | | | | | | | .27 | . |
| WEST WHARTON | 6.44 | | | T | .02 | 1.08 | .04 | | | | | .44 | .61 | 1.38 | .72 | .74 | .17 | | | .40 | | .51 | | .04 | | | | | | .05 | .24 | . |
| WOODCLIFF LAKE | 5.27 | | | .06 | .71 | .06 | | | | | .44 | .78 | .20 | 1.53 | .06 | .48 | .01 | | | .15 | .62 | | | | | | | | | | .17 | . |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 5.73 | | .20 | .28 | 1.80 | .03 | | | | | .07 | .67 | .78 | .06 | T | .74 | | | .06 | .26 | .56 | | | | | | | | | .22 | T | . |
| AUDUBON | 5.56 | | .09 | .32 | .83 | T | | | | | .15 | 1.34 | .43 | .48 | .06 | 1.03 | | | .07 | .08 | .43 | | | | | | | | T | T | .25 | . |
| BASS RIVER ST FOREST | 6.04 | | .14 | .16 | .26 | 1.31 | | | | | | | .85 | .78 | | | 1.25 | | .26 | | .73 | | | | | | | | | | .30 | . |
| BELLEPLAIN ST FOREST | 4.09 | | | .01 | .80 | .04 | T | | | | | .05 | 1.19 | T | | 1.03 | | | | .34 | | .47 | | | | | | | | | .16 | . |
| BURLINGTON | 4.68 | | .13 | .07 | .66 | .16 | | | | | | .22 | 1.33 | .60 | | .89 | | | | .24 | .35 | | | .03 | | | | | | | | . |
| CANTON | 4.05 | | | .10 | .35 | .61 | .09 | | | | | .60 | .20 | .21 | | 1.25 | | | | .08 | | .28 | | | | | | | | | .28 | . |
| CHATSWORTH | 5.06 | | .12 | .09 | .56 | .20 | | | | | | .16 | .65 | .94 | .06 | 1.18 | | | | .25 | | .60 | | | | | | | | | .25 | . |
| FORTESCUE | 4.07 | | | | .25 | .92 | | | | | | .25 | .50 | .28 | | 1.09 | | | | .15 | | .63 | | | | | | | | | | . |
| FREEHOLD | 6.32 | | .04 | .11 | .19 | 2.08 | | | | | .02 | .07 | .48 | .73 | .37 | .84 | .01 | | | .37 | | .80 | | | | | | | | | .21 | . |
| GLASSBORO | 5.51 | | .05 | .32 | 1.25 | | | | | | .29 | .90 | .50 | .10 | 1.28 | | | | .14 | | .46 | | | | | | | | | | .22 | . |
| HAMMONTON 2 NNE | 5.08 | | .03 | .05 | .27 | .30 | .02 | | | | | .23 | 1.30 | .35 | .10 | 1.32 | .08 | | | .39 | | .64 | | | | | | | | | | . |
| HIGHTSTOWN 1 N | 5.46 | | .14 | T | 1.17 | .82 | | | | | .04 | .09 | .42 | .89 | .10 | .87 | | | | .23 | T | .46 | | | | | | | T | | .23 | . |
| INDIAN MILLS 2 W | 6.05 | | .03 | .27 | .75 | .01 | T | | | | .31 | .28 | 1.17 | .66 | .04 | 1.21 | .01 | | | .37 | | .71 | | | | | | | | | .23 | . |
| MAYS LANDING 1 W | 5.24 | | .06 | .12 | .12 | .76 | .07 | | | | | .06 | 1.40 | .23 | .06 | 1.23 | .01 | | | .27 | | .64 | | | | | | | | | .21 | . |
| MILLVILLE FAA AIRPORT | 4.84 | | .04 | .22 | .65 | | | | | | .22 | 1.21 | .87 | .02 | .03 | .46 | | | T | .20 | .65 | | | | | | | | | .27 | | . |
| MOORESTOWN | 5.53 | | | .12 | .18 | 1.32 | | | | | | .18 | 1.15 | .52 | | | 1.24 | | | .21 | | .37 | | | | | | | | | .24 | . |
| NEW BRUNSWICK | 5.89 | | T | .09 | .20 | 1.29 | T | | | | T | .35 | .56 | .66 | .68 | .86 | .30 | | | .22 | | .49 | | T | | | | | | | .19 | . |
| PEMBERTON 3 E | 4.88 | | .04 | .18 | .79 | .02 | | | | | .13 | .16 | .73 | .95 | .07 | .89 | | | | | .03 | .66 | | | | | | | | | .23 | . |
| PRINCETON WATER WORKS | 6.33 | | .05 | .14 | 2.66 | T | | | | | .25 | .11 | .62 | .64 | .08 | .90 | | | | .26 | .36 | | | T | | | | | T | .26 | | . |
| SEABROOK FARMS | 5.59 | | | .07 | .33 | .84 | .02 | | | T | | .40 | .80 | .65 | .05 | 1.50 | .04 | T | T | .17 | T | .49 | | | | | | | | | .23 | . |
| SHILOH | 4.67 | | | .31 | .71 | .26 | | | | | .09 | .40 | .45 | .25 | .03 | 1.42 | | | | .14 | .07 | .30 | | | | | | | | | .24 | . |
| TOMS RIVER | 4.85 | | .07 | .08 | .35 | .68 | .03 | | | | .02 | .11 | .37 | .90 | .17 | .87 | .05 | | | .25 | | .70 | | | | | | | | | .20 | . |
| TRENTON WSO R | 4.70 | | .12 | .10 | .78 | .03 | | | | | .40 | .04 | .81 | .50 | .06 | .92 | | | .02 | .36 | .33 | | | T | | | | | T | .23 | T | . |
| TUCKERTON | 5.51 | | .23 | .02 | 1.02 | .04 | T | | | | .01 | .10 | .84 | .94 | .02 | 1.12 | .01 | | | .33 | .31 | .24 | | | | | | | T | T | .28 | . |
| WOODSTOWN | 5.53 | | T | .63 | .61 | .07 | | | | | .05 | .32 | .54 | 1.29 | .01 | 1.26 | | | | .07 | .21 | .20 | | T | | | | | T | | .27 | . |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 4.37 | | .32 | .31 | .62 | | | | | | | .24 | .81 | .05 | | .96 | | | .04 | .36 | .40 | | | | | | | | | .26 | | . |
| CAPE MAY 1 NW | 5.70 | | .13 | .03 | | 2.29 | .03 | | | | | .05 | .77 | .27 | | 1.29 | | | | .38 | T | .35 | | | | | | | | | .11 | . |
| LONG BRANCH 2 S | 5.10 | | .14 | .02 | .87 | .54 | | | | | .18 | .56 | .12 | .66 | .04 | 1.06 | .01 | | | .09 | .05 | .60 | | T | | | | | T | T | .16 | . |
| SANDY HOOK | 5.03 | | .22 | .01 | | .90 | .01 | | | | .34 | | | 1.57 | | | .91 | .01 | | .31 | * | * | | | | | | | * | * | .75 | . |

See reference notes following Station Index.

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 64 | 62 | 56 | 59 | 56 | 52 | 57 | 63 | 64 | 57 | 58 | 64 | 59 | 50 | 52 | 49 | 47 | 50 | 48 | 57 | 53 | 52 | 56 | 43 | 36 | 34 | 44 | 46 | 53 | 45 | | 52.9 |
| | MIN | 45 | 40 | 36 | 40 | 41 | 33 | 30 | 35 | 36 | 39 | 45 | 54 | 48 | 42 | 45 | 38 | 25 | 24 | 28 | 37 | 42 | 26 | 35 | 17 | 17 | 18 | 30 | 38 | 39 | 39 | | 35.4 |
| BOONTON 1 SE | MAX | 56 | 65 | 58 | 64 | 57 | 52 | 54 | 63 | | | | | | | | | 52 | 53 | 50 | 57 | 55 | 56 | 58 | 48 | 35 | 36 | 44 | 49 | 53 | 46 | | 52.8 |
| | MIN | 40 | 42 | 36 | 42 | 42 | 37 | 31 | 38 | | | | | | | | | 34 | 33 | 33 | 38 | 43 | 34 | 34 | 20 | 20 | 19 | 29 | 40 | 40 | 40 | | 34.8 |
| CANOE BROOK | MAX | 56 | 65 | 56 | 62 | 55 | 55 | 57 | 65 | 59 | 56 | 61 | 62 | 58 | 49 | 55 | 56 | 47 | 50 | 52 | 59 | 56 | 56 | 58 | 48 | 38 | 39 | 46 | 50 | 55 | 45 | | 54.2 |
| | MIN | 36 | 37 | 36 | 32 | 41 | 25 | 32 | 32 | 33 | 32 | 49 | 54 | 46 | 41 | 44 | 40 | 25 | 25 | 26 | 33 | 36 | 26 | 28 | 18 | 18 | 17 | 22 | 38 | 35 | 33 | | 33.0 |
| CHARLOTTEBURG | MAX | 51 | 63 | 53 | 60 | 51 | 49 | 52 | 61 | 57 | 52 | 58 | 59 | 52 | 47 | 48 | 45 | 40 | 46 | 45 | 53 | 51 | 50 | 54 | 44 | 30 | 34 | 40 | 46 | 53 | 43 | | 49.6 |
| | MIN | 35 | 39 | 34 | 35 | 41 | 35 | 33 | 33 | 33 | 41 | 48 | 52 | 45 | 43 | 43 | 37 | 26 | 26 | 26 | 35 | 40 | 29 | 31 | 17 | 17 | 17 | 24 | 38 | 33 | 33 | | 34.0 |
| CRANFORD | MAX | 65 | 58 | 64 | 57 | 56 | 56 | 65 | 61 | 58 | 59 | 62 | 62 | 58 | 55 | 53 | 49 | 51 | 51 | 57 | 54 | 54 | 59 | 56 | 37 | 39 | 46 | 51 | 55 | 55 | 56 | | 55.3 |
| | MIN | 44 | 45 | 38 | 47 | 43 | 35 | 32 | 39 | 36 | 49 | 58 | 56 | 47 | 44 | 48 | 41 | 29 | 27 | 49 | 38 | 45 | 29 | 35 | 18 | 19 | 20 | 36 | 42 | 38 | 43 | | 39.0 |
| ESSEX FELLS SERV BLDG | MAX | 55 | 65 | 57 | 63 | 55 | 53 | 53 | 64 | 57 | 56 | 60 | 62 | 56 | 50 | 52 | 49 | 48 | 50 | 52 | 56 | 54 | 54 | 57 | 40 | 39 | 39 | 46 | 50 | 53 | 53 | | 53.3 |
| | MIN | 40 | 45 | 35 | 43 | 40 | 33 | 35 | 35 | 34 | 48 | 52 | 54 | 44 | 43 | 46 | 37 | 24 | 26 | 38 | 34 | 42 | 28 | 40 | 16 | 14 | 19 | 36 | 40 | 33 | 37 | | 36.4 |
| FLEMINGTON 1 NE | MAX | 55 | 65 | 58 | 61 | 56 | 52 | 60 | 65 | 60 | 56 | 59 | 63 | 59 | 49 | 54 | 50 | 45 | 47 | 50 | 55 | 55 | 52 | 58 | 46 | 34 | 36 | 46 | 48 | 56 | 47 | | 53.2 |
| | MIN | 42 | 44 | 38 | 42 | 41 | 36 | 30 | 28 | 34 | 40 | 50 | 50 | 48 | 42 | 46 | 40 | 25 | 22 | 22 | 32 | 40 | 26 | 29 | 18 | 16 | 19 | 25 | 36 | 41 | 41 | | 34.8 |
| HIGH POINT PARK | MAX | 49 | 57 | 52 | 55 | 49 | 45 | 49 | 61 | 50 | 50 | 55 | 57 | 51 | 46 | 45 | 44 | 37 | 44 | 44 | 50 | 49 | 47 | 50 | 37 | 28 | 32 | 38 | 50 | 51 | 49 | | 47.4 |
| | MIN | 39 | 41 | 35 | 44 | 39 | 30 | 29 | 36 | 34 | 38 | 42 | 47 | 40 | 39 | 38 | 33 | 22 | 24 | 30 | 35 | 39 | 30 | 35 | 12 | 12 | 11 | 21 | 31 | 30 | 32 | | 32.3 |
| JERSEY CITY | MAX | 63 | 58 | 60 | 55 | 54 | 55 | 65 | 57 | 55 | 59 | 62 | 58 | 53 | 54 | 51 | 47 | 49 | 51 | 58 | 55 | 55 | 54 | 53 | 35 | 38 | 44 | 51 | 55 | 50 | 57 | | 53.7 |
| | MIN | 46 | 51 | 46 | 49 | 42 | 40 | 43 | 45 | 45 | 51 | 56 | 53 | 46 | 46 | 47 | 36 | 33 | 37 | 45 | 45 | 44 | 44 | 28 | 22 | 23 | 31 | 42 | 47 | 39 | 42 | | 42.1 |
| LAMBERTVILLE | MAX | 66 | 59 | 62 | 58 | 54 | 58 | 68 | 63 | 57 | 62 | 68 | 64 | 58 | 55 | 53 | 50 | 49 | 50 | 57 | 55 | 56 | 59 | 54 | 36 | 37 | 48 | 50 | 56 | 52 | 58 | | 55.7 |
| | MIN | 44 | 44 | 40 | 48 | 41 | 36 | 33 | 34 | 35 | 39 | 56 | 57 | 47 | 42 | 48 | 40 | 27 | 27 | 43 | 34 | 43 | 28 | 29 | 20 | 21 | 21 | 32 | 39 | 38 | 45 | | 37.7 |
| LAYTON 2 | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | MAX | 63 | 64 | 58 | 64 | 56 | 55 | 55 | 65 | 57 | 56 | 62 | 62 | 57 | 50 | 54 | 50 | 45 | 49 | 50 | 57 | 55 | 55 | 57 | 47 | 36 | 37 | 45 | 49 | 56 | 47 | | 53.8 |
| | MIN | 43 | 44 | 38 | 46 | 43 | 37 | 34 | 37 | 36 | 44 | 52 | 45 | 44 | 45 | 47 | 41 | 30 | 29 | 34 | 40 | 44 | 31 | 43 | 20 | 21 | 22 | 30 | 42 | 37 | 41 | | 38.0 |
| LONG VALLEY | MAX | 59 | 65 | 58 | 61 | 55 | 51 | 54 | 62 | 59 | 55 | 57 | 60 | 56 | 49 | 49 | 47 | 43 | 46 | 47 | 53 | 51 | 52 | 54 | 39 | 32 | 39 | 42 | 47 | 55 | 48 | | 51.5 |
| | MIN | 41 | 40 | 37 | 47 | 41 | 35 | 34 | 34 | 39 | 42 | 48 | 52 | 43 | 40 | 44 | 38 | 25 | 23 | 30 | 34 | 39 | 34 | 37 | 19 | 14 | 21 | 32 | 38 | 34 | 40 | | 35.8 |
| MORRIS PLAINS 1 W | MAX | 55 | 65 | 58 | 62 | 54 | 52 | 55 | 65 | 57 | 56 | 60 | 61 | 56 | 50 | 53 | 49 | 45 | 49 | 48 | 57 | 55 | 54 | 56 | 46 | 36 | 38 | 44 | 50 | 54 | 47 | | 52.9 |
| | MIN | 41 | 41 | 36 | 36 | 42 | 36 | 31 | 33 | 33 | 41 | 49 | 53 | 46 | 43 | 44 | 38 | 23 | 24 | 30 | 35 | 42 | 25 | 32 | 16 | 13 | 18 | 26 | 37 | 35 | 37 | | 34.5 |
| NEWARK WSO | MAX | 65 | 59 | 65 | 59 | 56 | 56 | 65 | 59 | 57 | 62 | 63 | 61 | 55 | 57 | 53 | 48 | 51 | 52 | 58 | 58 | 55 | 59 | 57 | 38 | 40 | 47 | 52 | 58 | 53 | 58 | | 55.9 |
| | MIN | 48 | 51 | 46 | 49 | 42 | 40 | 40 | 45 | 43 | 53 | 59 | 55 | 48 | 49 | 48 | 35 | 33 | 37 | 46 | 46 | 42 | 37 | 26 | 23 | 26 | 28 | 42 | 44 | 42 | 43 | | 42.2 |
| NEWTON | MAX | 55 | 63 | 53 | 59 | 54 | 51 | 53 | 62 | 53 | 55 | 60 | 62 | 56 | 48 | 50 | 48 | 42 | 47 | 47 | 54 | 54 | 53 | 54 | 42 | 32 | 35 | 43 | 47 | 54 | 45 | | 51.0 |
| | MIN | 40 | 37 | 31 | 36 | 41 | 36 | 34 | 32 | 32 | 32 | 46 | 54 | 46 | 42 | 44 | 37 | 24 | 23 | 28 | 34 | 42 | 27 | 28 | 17 | 14 | 17 | 32 | 37 | 33 | 35 | | 33.7 |
| PATERSON | MAX | 55 | 63 | 58 | 65 | 56 | 55 | 57 | 67 | 58 | 55 | 61 | 63 | 59 | 50 | 56 | 50 | 48 | 52 | 51 | 58 | 57 | 57 | 56 | 48 | 37 | 39 | 45 | 53 | 55 | 50 | | 54.5 |
| | MIN | 45 | 47 | 42 | 46 | 45 | 38 | 38 | 42 | 40 | 45 | 52 | 55 | 46 | 46 | 47 | 41 | 31 | 32 | 37 | 37 | 44 | 35 | 37 | 20 | 21 | 25 | 33 | 43 | 39 | 41 | | 39.7 |
| PHILLIPSBURG | MAX | 58 | 56 | 57 | 61 | 58 | 55 | 57 | 66 | 61 | 57 | 60 | 66 | 56 | 51 | 53 | 50 | 46 | 51 | 50 | 58 | 53 | 53 | 58 | 44 | 36 | 36 | 44 | 48 | 55 | 47 | | 53.4 |
| | MIN | 45 | 42 | 40 | 42 | 42 | 34 | 32 | 33 | 36 | 42 | 52 | 56 | 48 | 44 | 45 | 39 | 29 | 26 | 28 | 35 | 41 | 28 | 28 | 19 | 19 | 21 | 28 | 37 | 40 | 37 | | 36.3 |
| PLAINFIELD | MAX | 65 | 57 | 62 | 56 | 54 | 56 | 65 | 60 | 56 | 60 | 61 | 58 | 56 | 56 | 50 | 48 | 49 | 52 | 56 | 56 | 53 | 59 | 49 | 35 | 37 | 46 | 50 | 55 | 46 | 56 | | 54.0 |
| | MIN | 44 | 47 | 38 | 46 | 42 | 34 | 33 | 39 | 39 | 46 | 58 | 56 | 47 | 43 | 48 | 41 | 26 | 28 | 48 | 36 | 45 | 29 | 27 | 19 | 18 | 21 | 37 | 41 | 39 | 44 | | 38.6 |
| SOMERVILLE 3 NW | MAX | 58 | 67 | 58 | 61 | 56 | 53 | 53 | 64 | 61 | 57 | 60 | 63 | 58 | 48 | 55 | 50 | 44 | 48 | 51 | 51 | 54 | 52 | 58 | 46 | 35 | 36 | 46 | 48 | 53 | 45 | | 53.0 |
| | MIN | 44 | 46 | 38 | 40 | 41 | 36 | 30 | 32 | 38 | 41 | 53 | 56 | 47 | 44 | 43 | 40 | 24 | 26 | 28 | 36 | 44 | 27 | 29 | 18 | 16 | 16 | 25 | 38 | 37 | 38 | | 35.7 |
| SUSSEX 1 SE | MAX | 54 | 62 | 53 | 53 | 53 | 49 | 53 | 63 | 53 | 53 | 56 | 60 | 55 | 47 | 49 | 47 | 42 | 48 | 47 | 54 | 53 | 53 | 54 | 45 | 33 | 35 | 42 | 47 | 53 | 42 | | 50.3 |
| | MIN | 36 | 38 | 32 | 32 | 38 | 34 | 26 | 29 | 36 | 36 | 42 | 53 | 43 | 39 | 39 | 38 | 20 | 20 | 23 | 33 | 33 | 24 | 28 | 13 | 13 | 13 | 21 | 36 | 33 | 33 | | 31.1 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | MAX | 65 | 59 | 61 | 59 | 55 | 54 | 65 | 60 | 56 | 65 | 66 | 63 | 58 | 57 | 59 | 47 | 48 | 54 | 56 | 57 | 52 | 56 | 56 | 37 | 41 | 47 | 57 | 61 | 50 | 58 | | 56.0 |
| | MIN | 54 | 55 | 45 | 44 | 42 | 37 | 40 | 39 | 47 | 51 | 57 | 57 | 48 | 42 | 47 | 33 | 27 | 28 | 39 | 35 | 36 | 30 | 25 | 21 | 24 | 22 | 37 | 34 | 44 | 36 | | 39.2 |
| AUDUBON | MAX | 65 | 59 | 63 | 57 | 55 | 58 | 68 | 65 | 63 | 69 | 69 | 68 | 59 | 58 | 55 | 48 | 50 | 53 | 58 | 58 | 52 | 62 | 54 | 37 | 48 | 50 | 55 | 63 | 53 | 59 | | 57.7 |
| | MIN | 48 | 53 | 44 | 44 | 42 | 40 | 39 | 40 | 40 | 45 | 57 | 58 | 48 | 43 | 48 | 35 | 31 | 29 | 41 | 38 | 38 | 40 | 24 | 21 | 24 | 26 | 40 | 42 | 45 | 42 | | 40.2 |
| BELLEPLAIN ST FOREST | MAX | 68 | 62 | 62 | 58 | 54 | 57 | 65 | 62 | 58 | 70 | 68 | 67 | 62 | 59 | 60 | 58 | 49 | 53 | 57 | 58 | 57 | 61 | 57 | 36 | 40 | 49 | 61 | 64 | 58 | 60 | | 58.3 |
| | MIN | 53 | 55 | 45 | 49 | 39 | 32 | 37 | 34 | 38 | 40 | 55 | 57 | 50 | 41 | 53 | 41 | 23 | 24 | 43 | 34 | 40 | 27 | 35 | 17 | 18 | 21 | 30 | 31 | 48 | 47 | | 38.6 |
| BURLINGTON | MAX | 62 | 59 | 60 | 55 | 53 | 47 | 63 | 57 | | 61 | 64 | 64 | 60 | 54 | 52 | 52 | 44 | 47 | 52 | 54 | 52 | 54 | 51 | 35 | 45 | 47 | | 58 | 50 | | | 53.8 |
| | MIN | 57 | 54 | 52 | 53 | 44 | 43 | 41 | 43 | | 44 | 61 | 59 | 47 | 50 | 51 | 41 | 28 | 31 | 44 | 44 | | 31 | 32 | 24 | 26 | 24 | 44 | 30 | | | | 42.2 |
| CHATSWORTH | MAX | 58 | 59 | 62 | 59 | 55 | 57 | 69 | 62 | 58 | 69 | 68 | 65 | 59 | 58 | | 50 | 50 | 53 | 57 | 57 | 56 | 59 | 57 | 38 | 39 | 50 | 60 | 63 | 58 | 58 | | 57.3 |
| | MIN | 51 | 50 | 38 | 48 | 35 | 35 | 36 | 34 | 33 | 44 | 56 | 58 | 48 | 42 | | 41 | 22 | 23 | 41 | 31 | 41 | 27 | 34 | 18 | 17 | 26 | 33 | 32 | 42 | 45 | | 37.3 |
| FREEHOLD | MAX | 57 | 60 | 56 | 63 | 56 | 53 | 55 | 67 | 57 | 55 | 63 | 63 | 61 | 49 | 54 | 52 | 46 | 49 | 51 | 57 | 57 | 54 | 57 | 45 | 35 | 38 | 49 | 56 | 60 | 48 | | 54.1 |
| | MIN | 46 | 48 | 39 | 46 | 37 | 35 | 38 | 41 | 38 | 47 | 54 | 56 | 47 | 43 | 47 | 40 | 27 | 27 | 35 | 39 | 42 | 29 | 38 | 17 | 19 | 21 | 28 | 38 | 41 | 42 | | 38.2 |
| GLASSBORO | MAX | 59 | 65 | 58 | 63 | 55 | 54 | 56 | 67 | 63 | 60 | 69 | 68 | 68 | 54 | 56 | 55 | 46 | 47 | 50 | 55 | 57 | 53 | 59 | 46 | 35 | 38 | 47 | 54 | 62 | 51 | | 55.7 |
| | MIN | 47 | 51 | 44 | 50 | 41 | 37 | 42 | 40 | 41 | 42 | 57 | 58 | 51 | 44 | 50 | 42 | 31 | 30 | 31 | 38 | 41 | 38 | 37 | 20 | 21 | 20 | 30 | 37 | 41 | 42 | | 39.8 |
| HAMMONTON 2 NNE | MAX | 63 | 69 | 59 | 64 | 58 | 57 | 58 | 68 | 63 | 60 | 70 | 68 | 68 | 54 | 58 | 58 | 49 | 50 | 52 | 58 | 59 | 58 | 61 | 48 | 32 | 44 | 49 | 62 | 64 | 52 | | 57.8 |
| | MIN | 47 | 49 | 43 | 47 | 38 | 33 | 38 | 35 | 35 | 40 | 52 | 51 | 50 | 41 | 44 | 40 | 26 | 25 | 28 | 32 | 34 | 32 | 33 | 16 | 12 | 21 | 30 | 33 | 40 | 43 | | 36.3 |
| HIGHTSTOWN 1 N | MAX | 64 | 57 | 63 | 57 | 54 | 55 | 65 | 59 | 55 | 65 | 65 | 63 | 57 | 55 | 52 | 49 | 48 | 51 | 55 | 56 | 56 | 58 | 56 | 35 | 36 | 47 | 52 | 59 | 54 | 56 | | 55.1 |
| | MIN | 46 | 48 | 39 | 45 | 39 | 36 | 36 | 36 | 37 | 42 | 56 | 56 | 47 | 41 | 49 | 39 | 28 | 26 | 47 | 36 | 43 | 31 | 28 | 19 | 21 | 22 | 37 | 40 | 41 | 44 | | 38.5 |
| INDIAN MILLS 2 W | MAX | 68 | 58 | 63 | 57 | 54 | 55 | 68 | 64 | 59 | 68 | 67 | 66 | 59 | 57 | 55 | 52 | 48 | 50 | 56 | 57 | 56 | 59 | 56 | 34 | 38 | 49 | 59 | 63 | 55 | 57 | | 56.9 |
| | MIN | 48 | 50 | 39 | 50 | 37 | 31 | 35 | 32 | 31 | 40 | 57 | 58 | 47 | 43 | 50 | 38 | 22 | 22 | 40 | 31 | 39 | 27 | 29 | 18 | 17 | 16 | 35 | 33 | 44 | 45 | | 36.8 |
| MILLVILLE FAA AIRPORT | MAX | 69 | 59 | 62 | 54 | 53 | 55 | 66 | 65 | 61 | 69 | 68 | 67 | 56 | 58 | 59 | 46 | 46 | 51 | 55 | 57 | 53 | 56 | 57 | 35 | 38 | 47 | 59 | 61 | 53 | 57 | | 56.4 |
| | MIN | 53 | 54 | 48 | 42 | 42 | 35 | 40 | 38 | 44 | 47 | 58 | 56 | 48 | 43 | 46 | 34 | 29 | 26 | 39 | 38 | 34 | 30 | 23 | 20 | 22 | 24 | 32 | 36 | 42 | 39 | | 38.7 |
| MOORESTOWN | MAX | 62 | 65 | 58 | 62 | 58 | 53 | 57 | 68 | 63 | 60 | 67 | 67 | 66 | 50 | 56 | 53 | 45 | 48 | 50 | 56 | 57 | 53 | 59 | 46 | 35 | 37 | 47 | 53 | 60 | 49 | | 55.3 |
| | MIN | 48 | 53 | 42 | 51 | 40 | 37 | 38 | 38 | 38 | 40 | 54 | 58 | 50 | 44 | 50 | 41 | 31 | 26 | 31 | 30 | 41 | 30 | 35 | 20 | 23 | 22 | 37 | 38 | 44 | 44 | | 39.1 |
| NEW BRUNSWICK | MAX | 56 | 60 | 57 | 60 | 56 | 54 | 54 | 65 | 59 | 54 | 60 | 61 | 59 | 52 | 57 | 51 | 44 | 48 | 52 | 57 | 56 | 53 | 58 | 49 | 35 | 37 | 46 | 51 | 57 | 46 | | 53.5 |
| | MIN | 45 | 48 | 41 | 46 | 42 | 37 | 39 | 43 | 40 | 41 | 52 | 55 | 48 | 44 | 48 | 40 | 30 | 29 | 33 | 40 | 43 | 31 | 42 | 19 | 21 | 22 | 33 | 40 | 39 | 39 | | 39.0 |
| PEMBERTON 3 E | MAX | 66 | 58 | 63 | 58 | 55 | 57 | 70 | 62 | 62 | 68 | 66 | 65 | 62 | 58 | 56 | 53 | 51 | 52 | 58 | 58 | 54 | 57 | 51 | 36 | 41 | 52 | 62 | 62 | 62 | 60 | | 57.8 |
| | MIN | 55 | 49 | 39 | 49 | 38 | 34 | 37 | 32 | 33 | 46 | 57 | 58 | 50 | 40 | 50 | 40 | 24 | 23 | 46 | 32 | 46 | 27 | 32 | 18 | 18 | 18 | 35 | 39 | 47 | 45 | | 38.6 |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEABROOK FARMS | MAX | 61 | 68 | 58 | 62 | 54 | 53 | 56 | 66 | 65 | 60 | 71 | 68 | 69 | 54 | 57 | 56 | 45 | 48 | 52 | 55 | 57 | 53 | 58 | 46 | 35 | 38 | 47 | 57 | 61 | 54 | | 56.1 |
| | MIN | 51 | 53 | 47 | 51 | 42 | 35 | 43 | 40 | 42 | 44 | 56 | 58 | 53 | 43 | 47 | 41 | 28 | 28 | 33 | 38 | 41 | 33 | 45 | 20 | 20 | 25 | 34 | 37 | 38 | 43 | | 40.3 |
| SHILOH | MAX | 65 | 60 | 63 | 54 | 52 | 57 | 66 | 67 | 62 | 68 | 66 | 67 | 60 | 56 | 57 | 53 | 48 | 51 | 56 | 57 | 56 | 57 | 55 | 32 | 38 | 47 | 56 | 60 | 55 | 58 | | 56.6 |
| | MIN | 50 | 52 | 47 | 50 | 40 | 37 | 44 | 41 | 43 | 43 | 56 | 57 | 49 | 44 | 50 | 40 | 30 | 30 | 41 | 38 | 41 | 35 | 32 | 19 | 26 | 26 | 34 | 38 | 39 | 47 | | 40.6 |
| TOMS RIVER | MAX | 60 | 63 | 59 | 63 | 60 | 54 | 55 | 69 | 57 | 57 | 65 | 65 | 64 | 53 | 56 | 56 | 47 | 49 | 54 | 57 | 57 | 54 | 58 | 50 | 35 | 38 | 50 | 61 | 63 | 50 | | 56.0 |
| | MIN | 52 | 54 | 40 | 44 | 38 | 36 | 38 | 36 | 49 | 50 | 56 | 58 | 52 | 43 | 44 | 41 | 26 | 25 | 30 | 34 | 36 | 28 | 35 | 18 | 18 | 19 | 28 | 35 | 42 | 45 | | 38.3 |
| TRENTON WSO | MAX | 62 | 57 | 60 | 57 | 51 | 55 | 65 | 57 | 56 | 63' | 66 | 64 | 54 | 55 | 53 | 47 | 48 | 51 | 55 | 58 | 52 | 57 | 54 | 34 | 37 | 47 | 52 | 57 | 49 | 55 | | 54.3 |
| | MIN | 49 | 51 | 48 | 45 | 42 | 40 | 42 | 46 | 45 | 51 | 60 | 54 | 48 | 47 | 47 | 35 | 34 | 33 | 44 | 42 | 42 | 38 | 24 | 22 | 26 | 31 | 42 | 46 | 42 | 41 | | 41.9 |
| TUCKERTON | MAX | 64 | 59 | 62 | 60 | 55 | 56 | 66 | 58 | 57 | 63 | 65 | 63 | 59 | 57 | 58 | 54 | 50 | 53 | 59 | 57 | 57 | 58 | 56 | 37 | 41 | 49 | 58 | 61 | 53 | 58 | | 56.8 |
| | MIN | 53 | 55 | 42 | 48 | 37 | 34 | 41 | 38 | 47 | 52 | 57 | 57 | 47 | 44 | 52 | 32 | 26 | 27 | 40 | 32 | 39 | 29 | 30 | 16 | 20 | 19 | 36 | 33 | 44 | 44 | | 39.0 |
| WOODSTOWN | MAX | 67 | 61 | 63 | 54 | 55 | 56 | 66 | 65 | 61 | 70 | 68 | 69 | 62 | 58 | 56 | 54 | 50 | 50 | 57 | 58 | 60 | 59 | 56 | 37 | 38 | 48 | 55 | 61 | 56 | 58 | | 57.6 |
| | MIN | 45 | 52 | 42 | 49 | 40 | 28 | 36 | 45 | 40 | 42 | 50 | 58 | 47 | 39 | 48 | 40 | 26 | 26 | 37 | 36 | 36 | 32 | 29 | 18 | 19 | 22 | 30 | 36 | 35 | 42 | | 37.5 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 62 | 57 | 59 | 56 | 52 | 54 | 58 | 56 | 55 | 61 | 60 | 60 | 56 | 56 | 58 | 46 | 47 | 55 | 57 | 57 | 53 | 56 | 56 | 35 | 37 | 47 | 53 | 56 | 49 | 56 | | 54.0 |
| | MIN | 55 | 54 | 48 | 45 | 41 | 38 | 47 | 45 | 52 | 54 | 57 | 56 | 48 | 47 | 46 | 34 | 33 | 36 | 45 | 44 | 41 | 41 | 26 | 23 | 24 | 29 | 42 | 40 | 46 | 39 | | 42.5 |
| CAPE MAY 1 NW | MAX | 61 | 64 | 60 | 63 | 56 | 54 | 55 | 64 | 59 | 59 | 67 | 63 | 65 | 58 | 58 | 61 | 47 | 45 | 54 | 53 | 58 | 52 | 57 | 53 | 37 | 43 | 47 | 55 | 59 | 52 | | 56.0 |
| | MIN | 56 | 56 | 49 | 51 | 43 | 44 | 45 | 42 | 46 | 52 | 58 | 58 | 55 | 49 | 49 | 43 | 35 | 32 | 37 | 42 | 45 | 39 | 46 | 24 | 24 | 29 | 38 | 39 | 44 | 46 | | 43.9 |
| LONG BRANCH 2 S | MAX | 56 | 57 | 61 | 57 | 54 | 54 | 66 | 57 | 56 | 61 | 61 | 59 | 56 | 55 | 53 | 50 | 51 | 52 | 58 | 56 | 55 | 56 | 55 | 36 | 38 | 48 | 54 | 58 | 54 | 58 | | 54.7 |
| | MIN | 51 | 52 | 43 | 49 | 41 | 37 | 38 | 42 | 49 | 53 | 57 | 56 | 48 | 45 | 49 | 37 | 29 | 29 | 45 | 41 | 43 | 32 | 30 | 19 | 22 | 23 | 37 | 40 | 44 | 46 | | 40.9 |
| SANDY HOOK | MAX | 57 | 55 | 58 | 54 | 52 | 51 | 61 | 55 | 52 | 58 | 57 | 56 | 54 | 53 | 50 | 48 | 45 | 49 | 55 | 54 | 53 | 51 | 53 | 35 | | | | | | | | 52.8 |
| | MIN | 50 | 50 | 49 | 49 | 45 | 41 | 44 | 47 | 46 | 50 | 55 | 54 | 47 | 47 | 48 | 42 | 35 | 36 | 48 | 43 | 46 | 37 | 35 | 22 | | | | | | | | 44.4 |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Standard of Time EASTERN | | | | | | | | | | | | |
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WSO | 33 | 1.7 | 9.9 | 26++ | 30 | 23+ | 80 | 81 | 60 | 76 | 2 | 4 | 4 | 4 | 1 | 0 | 15 | 42 | 6.9 |
| ATLANTIC CITY ST. MARINA | - | - | - | 31 | NW | 04 | - | - | - | - | 0 | 2 | 6 | 3 | 0 | 0 | 11 | - | - |
| NEWARK WSO | 33 | 2.0 | 10.4 | 27++ | 29 | 05 | 81 | 84 | 62 | 73 | 3 | 3 | 5 | 5 | 0 | 0 | 16 | - | 7.4 |
| TRENTON WSO | - | - | - | 32 | NW | 05 | - | - | - | - | 3 | 4 | 6 | 4 | 0 | 0 | 17 | 35 | 7.3 |

# EVAPORATION AND WIND

| Station | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | | EVAP | .06 | .06 | .10 | .05 | .06 | .06 | .07 | .06 | .05 | .04 | .04 | * | * | * | * | .03 | .04 | .04 | .05 | .04 | .07 | .06 | .06 | * | * | .13 | .03 | .04 | .07 | .31 | | 1.62 |
| | | WIND | 38 | 36 | 20 | 29 | 33 | 35 | 17 | 26 | 25 | 35 | 69 | 39 | 67 | 8 | 55 | 29 | 7 | 12 | 12 | 28 | 51 | 62 | 31 | 39 | 13 | 16 | 6 | 9 | 16 | 19 | | 882 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 62 | 59 | 61 | 58 | 58 | 56 | 60 | - | - | 60 | 63 | 62 | 59 | 59 | 56 | 55 | 57 | 54 | 59 | 56 | 55 | 55 | 52 | 45 | 43 | 49 | 51 | 54 | 50 | 55 | | 55.8 |
| | | MIN | 54 | 54 | 52 | 54 | 50 | 48 | 48 | - | - | 56 | 59 | 59 | 55 | 54 | 55 | 48 | 47 | 46 | 52 | 50 | 49 | 47 | 42 | 40 | 40 | 40 | 45 | 47 | 43 | 46 | | 49.3 |
| | 2 | MAX | 61 | 59 | 60 | 58 | 57 | 55 | 58 | - | - | 60 | 62 | 61 | 59 | 59 | 56 | 56 | 58 | 54 | 59 | 55 | 55 | 54 | 52 | 46 | 44 | 48 | 50 | 53 | 50 | 54 | | 55.5 |
| | | MIN | 55 | 56 | 53 | 55 | 52 | 49 | 49 | - | - | 56 | 59 | 59 | 56 | 55 | 56 | 49 | 48 | 47 | 53 | 51 | 50 | 49 | 45 | 42 | 41 | 41 | 45 | 47 | 48 | 48 | | 50.5 |
| | 4 | MAX | 58 | 61 | 58 | 58 | 58 | 56 | 56 | - | - | 58 | 61 | 62 | 61 | 60 | 60 | 58 | 54 | 55 | 54 | 57 | 58 | 56 | 55 | 52 | 48 | 44 | 47 | 51 | 53 | 52 | | 55.8 |
| | | MIN | 55 | 55 | 54 | 55 | 56 | 53 | 52 | - | - | 56 | 57 | 60 | 59 | 55 | 56 | 54 | 50 | 51 | 48 | 54 | 54 | 52 | 51 | 44 | 44 | 41 | 43 | 47 | 50 | 50 | | 52.0 |
| | 8 | MAX | 59 | 60 | 58 | 59 | 58 | 57 | 57 | - | - | 59 | 60 | 61 | 61 | 60 | 60 | 59 | 56 | 56 | 54 | 56 | 59 | 57 | 56 | 54 | 52 | 47 | 48 | 50 | 52 | 52 | | 56.3 |
| | | MIN | 58 | 58 | 58 | 58 | 57 | 56 | 56 | - | - | 57 | 58 | 59 | 60 | 58 | 58 | 56 | 54 | 53 | 51 | 54 | 56 | 54 | 53 | 49 | 47 | 45 | 46 | 48 | 50 | 51 | | 54.1 |
| | 20 | MAX | 59 | 60 | 59 | 59 | 59 | 58 | 58 | - | - | 59 | 60 | 60 | 60 | 59 | 59 | 59 | 59 | 57 | 58 | 56 | 57 | 56 | 55 | 55 | 53 | 52 | 51 | 52 | 52 | 52 | | 56.9 |
| | | MIN | 59 | 59 | 59 | 59 | 58 | 58 | 57 | - | - | 58 | 58 | 60 | 59 | 59 | 58 | 58 | 57 | 57 | 56 | 55 | 56 | 55 | 55 | 53 | 51 | 51 | 51 | 51 | 52 | 52 | | 56.1 |
| | 40 | MAX | 61 | 61 | 61 | 61 | 60 | 60 | 60 | - | - | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 61 | 60 | 59 | 59 | 59 | 59 | 59 | 59 | 57 | 56 | 55 | 54 | 54 | 54 | | 58.9 |
| | | MIN | 61 | 61 | 61 | 60 | 60 | 60 | 60 | - | - | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 59 | 59 | 58 | 58 | 58 | 57 | 57 | 56 | 55 | 54 | 54 | 54 | 54 | | 58.4 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 62 | 58 | 60 | 57 | 55 | 54 | 60 | - | - | 60 | 64 | 61 | 58 | 60 | 56 | 54 | 54 | 52 | 61 | 56 | 55 | 54 | 50 | 39 | 37 | 38 | 50 | 54 | 49 | 56 | | 54.4 |
| | | MIN | 50 | 51 | 47 | 52 | 44 | 39 | 42 | - | - | 54 | 60 | 58 | 54 | 50 | 54 | 40 | 40 | 40 | 49 | 46 | 44 | 40 | 38 | 36 | 35 | 36 | 38 | 45 | 45 | 41 | | 45.3 |
| | 2 | MAX | 61 | 57 | 59 | 57 | 54 | 53 | 60 | - | - | 60 | 64 | 61 | 58 | 60 | 56 | 54 | 53 | 51 | 60 | 55 | 54 | 53 | 50 | 39 | 37 | 38 | 49 | 53 | 49 | 55 | | 53.9 |
| | | MIN | 50 | 51 | 47 | 52 | 44 | 40 | 42 | - | - | 53 | 59 | 58 | 54 | 50 | 54 | 40 | 40 | 40 | 49 | 46 | 44 | 41 | 39 | 37 | 36 | 37 | 38 | 45 | 45 | 42 | | 45.5 |
| | 4 | MAX | 59 | 57 | 56 | 56 | 53 | 52 | 56 | - | - | 59 | 62 | 61 | 58 | 58 | 56 | 55 | 52 | 51 | 57 | 54 | 53 | 52 | 51 | 41 | 39 | 39 | 47 | 51 | 49 | 53 | | 53.1 |
| | | MIN | 52 | 53 | 50 | 53 | 48 | 44 | 45 | - | - | 53 | 59 | 58 | 55 | 52 | 54 | 45 | 43 | 43 | 50 | 49 | 47 | 44 | 41 | 39 | 39 | 39 | 39 | 45 | 46 | 45 | | 47.5 |
| | 8 | MAX | 57 | 57 | 56 | 56 | 53 | 52 | 54 | - | - | 58 | 60 | 60 | 59 | 57 | 56 | 56 | 52 | 51 | 55 | 53 | 53 | 52 | 51 | 46 | 43 | 42 | 46 | 49 | 49 | 50 | | 53.0 |
| | | MIN | 54 | 55 | 54 | 53 | 52 | 50 | 49 | - | - | 54 | 58 | 59 | 56 | 55 | 56 | 50 | 48 | 48 | 51 | 51 | 51 | 49 | 46 | 43 | 42 | 41 | 41 | 45 | 48 | 48 | | 50.3 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# SNOWFALL AND SNOW ON GROUND

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 28 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORRIS PLAINS 1 W | SNOWFALL | | | | | | | | | | | | | | | | | | | | | | | | | T | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WSO | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| #ATLANTIC CITY R | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 | | 8A | | | ANDREW F DROPPE |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C M | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 141[illegible] | 8A | 8A | | | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C M | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 10[illegible] | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 6[illegible] | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A | | | ROBERT WELSH |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | M | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C | JAMES LAWTON |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | M | M. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| NEWARK WSO R | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C MJ | NATL WEATHER SERVICE |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | C GM | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C M | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | M | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | M | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | M | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C M | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A | | M | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WSO R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C M | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT H. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN 11-ROCKAWAY

# REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| - | No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.<br>No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry. |
| + | And also on an earlier date or dates. |
| ++ | Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data. |
| * | Amount included in following measurement, time distribution unknown. |
| // | Gage is equipped with a windshield. |
| B | Adjusted to a full month. |
| D | Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall. |
| M | One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month. |
| R | Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.) |
| T | Trace, an amount too small to measure. |
| V | Includes total for previous month. |

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| AR | This entry in time of observation column in Station Index means after rain. |
| C | Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin. |
| G | "Soil Temperature" table. |
| H | "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month. |
| J | "Supplemental Data" table. |
| S | Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin. |
| SS | This entry in time of observation column in Station Index means observation made near sunset. |
| VAR | This entry in time of observation column in Station Index means variable. |
| # | Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building. |

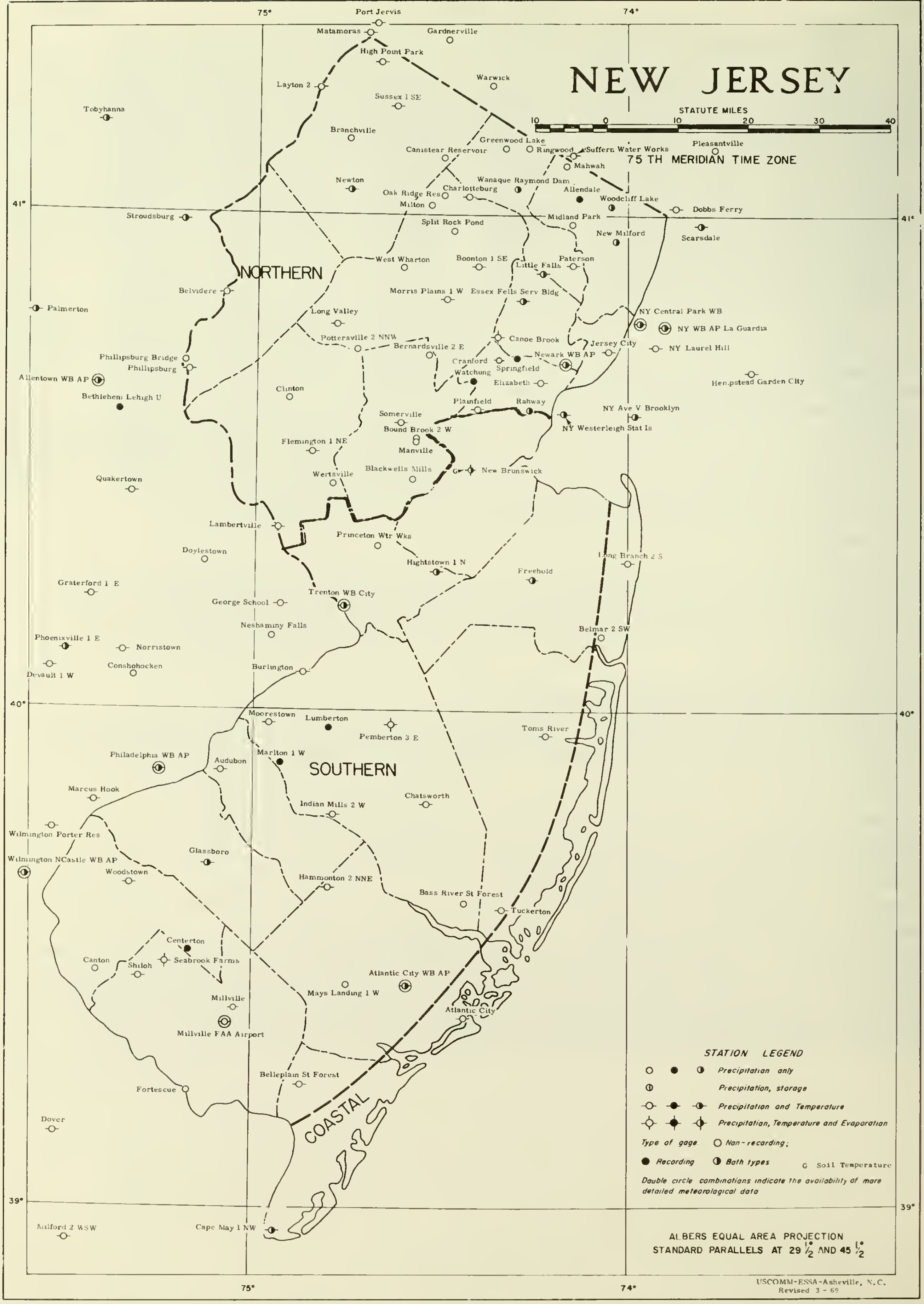
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-NOAA-ASHEVILLE-12/31/70-920



NEW JERSEY

USCOMM-ESSA-Asheville, N.C.
Revised 3 - 69

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# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
DECEMBER 1970
Volume 75 No. 12

THE LIBRARY OF THE
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UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 38.8 | 21.1 | 30.0 | - 1.9 | 67 | 3 | 10 | 31+ | 1080 | 0 | 9 | 30 | 0 | 2.67 | - .99 | .76 | 13 | 7.4 | 3 | 31+ | 5 | 2 | 0 |
| BOONTON 1 SE | 39.2 | 25.0 | 32.1 | .6 | 64 | 4+ | 14 | 8 | 1011 | 0 | 9 | 28 | 0 | 2.52 | - .90 | .95 | 17 | 12.5 | | | 6 | 2 | 0 |
| CANOE BROOK | 40.2 | 22.6 | 31.4 | .2 | 66 | 3 | 12 | 30+ | 1039 | 0 | 7 | 31 | 0 | 3.09 | - .56 | 1.18 | 17 | 4.2 | 2 | 31+ | 6 | 2 | 1 |
| CHARLOTTEBURG | 35.6 | 22.5 | 29.1 | - 1.7 | 62 | 4 | 12 | 9+ | 1105 | 0 | 16 | 31 | 0 | 3.07 | - 1.05 | .94 | 17 | 10.1 | 4 | 30+ | 7 | 2 | 0 |
| CRANFORD | 40.8 | 27.5 | 34.2 | | 65 | 2 | 14 | 8 | 950 | 0 | 4 | 26 | 0 | 2.67 | | .97 | 17 | 3.1 | 3 | 27+ | 5 | 2 | 0 |
| ESSEX FELLS SERV BLDG | 38.9 | 22.8 | 30.9 | | 64 | 4+ | 10 | 30+ | 1051 | 0 | 11 | 30 | 0 | 2.21 | | .87 | 17 | | 2 | 30+ | 6 | 1 | 0 |
| FLEMINGTON 1 NE | 40.0 | 22.6 | 31.3 | - 2.0 | 64 | 4+ | 10 | 8 | 1038 | 0 | 8 | 30 | 0 | 3.26 | - .16 | 1.25 | 17 | 5.9 | 5 | 31+ | 6 | 1 | 1 |
| HIGH POINT PARK | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | 39.4 | 29.8 | 34.6 | - .2 | 65 | 2 | 18 | 8 | 934 | 0 | 7 | 22 | 0 | 2.24 | - 1.05 | 1.14 | 12 | | | | 4 | 1 | 1 |
| LAMBERTVILLE | 41.8 | 26.7 | 34.3 | .6 | 67 | 2 | 13 | 8 | 944 | 0 | 3 | 24 | 0 | 2.93 | - .45 | 1.24 | 17 | 1.0 | 1 | 31+ | 7 | 2 | 1 |
| LAYTON 2 | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | 40.3 | 26.1 | 33.2 | - .4 | 66 | 3 | 13 | 8 | 978 | 0 | 4 | 26 | 0 | 2.44 | - 1.46 | .76 | 17 | 17.8 | 4 | 24 | 7 | 2 | 0 |
| LONG VALLEY | 37.7 | 22.4 | 30.1 | | 63 | 3 | 10 | 8 | 1078 | 0 | 13 | 30 | 0 | 2.58 | - 1.21 | .59 | 17 | 9.0 | | | 8 | 1 | 0 |
| MORRIS PLAINS 1 W | 39.4 | 22.6 | 31.0 | | 66 | 3 | 11 | 8 | 1045 | 0 | 8 | 31 | 0 | 3.55 | | 1.10 | 22 | 10.0 | 5 | 31+ | 7 | 2 | 1 |
| NEWARK WSO R | 40.9 | 29.7 | 35.3 | .6 | 66 | 2 | 18 | 8 | 914 | 0 | 3 | 21 | 0 | 2.05 | - 1.17 | .60 | 12 | 2.9 | 2 | 26+ | 7 | 1 | 0 |
| NEWTON | 37.2 | 20.4 | 28.8 | - .9 | 64 | 3 | 10 | 8 | 1116 | 0 | 13 | 31 | 0 | 2.14 | - 1.06 | .56 | 17 | 8.3 | 5 | 17 | 7 | 1 | 0 |
| PATERSON | 40.7 | 26.2 | 33.5 | - .6 | 66 | 3 | 16 | 8 | 969 | 0 | 4 | 24 | 0 | 2.75 | - 1.08 | 1.02 | 12 | 6.4 | | | 7 | 2 | 1 |
| PHILLIPSBURG | 40.6 | 24.0 | 32.3 | - .4 | 63 | 4 | 14 | 8 | 1006 | 0 | 3 | 30 | 0 | 3.99 | .35 | 1.27 | 23 | 2.0 | 2 | 26 | 7 | 2 | 1 |
| PLAINFIELD | 39.1 | 26.9 | 33.0 | - 1.0 | 64 | 2 | 14 | 8 | 984 | 0 | 5 | 26 | 0 | 2.86 | - .73 | 1.09 | 17 | 3.0 | 2 | 28+ | 6 | 2 | 1 |
| SOMERVILLE 3 NW | 39.6 | 23.4 | 31.5 | - 1.6 | 65 | 3 | 11 | 9+ | 1031 | 0 | 6 | 30 | 0 | 2.76 | - .57 | 1.28 | 17 | 2.5 | 2 | 31+ | 5 | 2 | 1 |
| SUSSEX 1 SE | 35.6 | 17.0 | 26.3 | - 4.0 | 65 | 3 | 6 | 8 | 1190 | 0 | 14 | 31 | 0 | 2.35 | - 1.01 | .63 | 17 | | | | 5 | 1 | 0 |
| DIVISION | | | 31.7 | - .7 | | | | | | | | | | 2.74 | - .82 | | | 6.6 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 45.1 | 27.8 | 36.5 | - .1 | 63 | 2 | 11 | 8 | 876 | 0 | 0 | 23 | 0 | 3.04 | - .18 | 1.46 | 16 | 1.4 | T | 29+ | 5 | 2 | 1 |
| AUDUBON | 43.6 | 29.2 | 36.4 | | 67 | 2 | 17 | 8 | 880 | 0 | 0 | 24 | 0 | 2.87 | | .95 | 17 | T | T | 31+ | 5 | 3 | 0 |
| BELLEPLAIN ST FOREST | 46.4 | 28.1 | 37.3 | | 66 | 2 | 9 | 8 | 852 | 0 | 0 | 23 | 0 | 3.11 | - .54 | 1.42 | 17 | .5 | 0 | | 4 | 2 | 1 |
| BURLINGTON | 40.4M | 30.2M | 35.3M | - .7 | | | 18 | 8 | 932 | 0 | | | 0 | 2.86 | - .20 | 1.33 | 17 | | | | 5 | 2 | 1 |
| CHATSWORTH | 45.9M | 28.2M | 37.1M | | 67 | 2 | | | 850 | 0 | | | 0 | 1.48 | | .73 | 22 | .0 | 0 | | 3 | 1 | 0 |
| FREEHOLD | | | | | | | | | | | | | | | | | | | | | | | |
| GLASSBORO | 43.5 | 28.6 | 36.1 | | 65 | 3 | 17 | 8 | 888 | 0 | 2 | 21 | 0 | 2.87 | | | | T | T | 27+ | | | |
| HAMMONTON 2 NNE | 45.6 | 25.2 | 35.4 | - 1.7 | 67 | 3 | 12 | 8 | 911 | 0 | 0 | 27 | 0 | 2.16 | - 1.57 | 1.20 | 22 | .0 | 0 | | 4 | 1 | 1 |
| HIGHTSTOWN 1 N | 40.6 | 27.4 | 34.0 | - .3 | 65 | 2 | 12 | 8 | 952 | 0 | 4 | 23 | 0 | 3.08 | .05 | 1.54 | 17 | 2.1 | 1 | 23+ | 4 | 2 | 1 |
| INDIAN MILLS 2 W | 43.5 | 26.2 | 34.9 | .1 | 65 | 3+ | 7 | 8 | 927 | 0 | 2 | 24 | 0 | 3.27 | .04 | 1.58 | 17 | .9 | T | 27+ | 5 | 2 | 1 |
| MILLVILLE FAA AIRPORT | 44.4 | 27.7 | 36.1 | | 64 | 2 | 12 | 8 | 891 | 0 | 1 | 24 | 0 | 3.55 | | .91 | 16 | 3.0 | 0 | | 6 | 3 | 0 |
| MOORESTOWN | 42.1 | 27.3 | 34.7 | - .1 | 66 | 3 | 13 | 8 | 932 | 0 | 2 | 28 | 0 | 3.08 | .17 | 1.49 | 17 | 2.0 | 1 | 22 | 5 | 2 | 1 |
| NEW BRUNSWICK | 40.8 | 26.1 | 33.5 | - .7 | 65 | 3 | 14 | 8 | 971 | 0 | 5 | 27 | 0 | 2.81 | - .36 | 1.20 | 17 | 3.1 | 2 | 24+ | 4 | 3 | 1 |
| PEMBERTON 3 E | 43.8 | 27.2 | 35.5 | - .1 | 71 | 2 | 9 | 8 | 906 | 0 | 1 | 23 | 0 | 3.05 | - .03 | 1.44 | 17 | 1.7 | T | 21 | 5 | 2 | 1 |
| SEABROOK FARMS | 44.0 | 28.4 | 36.2 | | 64 | 4+ | 15 | 8 | 886 | 0 | 3 | 21 | 0 | 3.13 | | 1.64 | 17 | .0 | 0 | | 5 | 1 | 1 |
| SHILOH | 44.4 | 30.0 | 37.2 | 1.1 | 65 | 2 | 15 | 8 | 857 | 0 | 1 | 20 | 0 | 2.28 | - .78 | 1.31 | 17 | .0 | 0 | | 3 | 2 | 1 |
| TOMS RIVER | 44.4 | 25.4 | 34.9 | | 65 | 4+ | 10 | 8 | 925 | 0 | 2 | 26 | 0 | 3.61 | | 1.73 | 17 | .8 | | | 5 | 2 | 1 |
| TRENTON WSO R | 40.5 | 30.5 | 35.5 | .3 | 65 | 2 | 20 | 31+ | 907 | 0 | 6 | 19 | 0 | 2.73 | - .14 | .82 | 16 | 2.7 | 1 | 23+ | 6 | 2 | 0 |
| TUCKERTON | 44.9 | 28.0 | 36.5 | | 67 | 2 | 10 | 8 | 875 | 0 | 1 | 21 | 0 | 2.95 | | 1.22 | 17 | .5 | T | 27+ | 6 | 2 | 1 |
| WOODSTOWN | 43.9 | 28.0M | 36.0M | | 66 | 2 | 16 | 7 | 897 | 0 | 1 | 24 | 0 | 3.08 | | 1.41 | 17 | .7 | T | 28+ | 5 | 2 | 1 |
| DIVISION | | | 35.7 | .4 | | | | | | | | | | 2.90 | - .36 | | | 1.1 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 44.5 | 31.8 | 38.2 | - .1 | 65 | 2 | 20 | 30 | 823 | 0 | 3 | 15 | 0 | 2.30 | - 1.18 | .83 | 16 | | | | 5 | 2 | 0 |
| CAPE MAY 1 NW | 45.6 | 32.0 | 38.8 | | 62 | 4 | 19 | 8 | 806 | 0 | 1 | 16 | 0 | 3.02 | | 1.13 | 17 | 1.0 | | | 6 | 2 | 1 |
| LONG BRANCH 2 S | 42.6 | 28.8 | 35.7 | .4 | 65 | 2 | 14 | 8 | 902 | 0 | 3 | 22 | 0 | 3.21 | - .42 | 1.40 | 17 | .3 | T | 27+ | 6 | 3 | 1 |
| SANDY HOOK | 39.1M | 30.3M | 34.7M | | 58 | 3 | 19 | 27+ | 931 | 0 | | 21 | 0 | 3.24 | | 1.65 | 17 | | | | 4 | 2 | 1 |
| DIVISION | | | 36.9 | - .1 | | | | | | | | | | 2.94 | - .40 | | | .7 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>PEMBERTON 3 E | 71 | DATE | 02 |
| LOWEST TEMPERATURE<br>SUSSEX 1 SE | 6 | DATE | 08 |
| GREATEST TOTAL PRECIPITATION<br>PHILLIPSBURG | 3.99 | | |
| LEAST TOTAL PRECIPITATION<br>CHATSWORTH | 1.48 | | |
| GREATEST 1 DAY PRECIPITATION<br>CANTON | 2.30 | DATE | 22 |
| GREATEST TOTAL SNOWFALL<br>GREENWOOD LAKE | 18.5 | | |
| GREATEST DEPTH OF SNOW<br>GREENWOOD LAKE | 8 | DATE | 27+ |

**See Reference Notes Following Station Index**

SPECIAL WEATHER SUMMARY ON PAGE 98

# NEW JERSEY - DECEMBER 1970

## SPECIAL WEATHER SUMMARY

The most significant storm of the month occurred on the 12th and 13th when freezing rain left a covering of ice on trees, wires, and other exposed objects over much of northern New Jersey. Power blackouts because of downed lines were reported in sections of Morris, Union, Passaic, and Bergen Counties. Some 30,000 persons were without power in Paramus. Highways and streets were coated with ice for several hours.

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Department of Meteorology
College of Agriculture and
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New Brunswick, New Jersey 08901

# DAILY PRECIPITATION

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 2.67 | | | | .27 | | T | T | | | .02 | | .05 | .76 | | T | | .73 | .06 | | | | .02 | .40 | .34 | | .02 | T | T | | | |
| BERNARDSVILLE 2 E | 3.57 | | | | .19 | | | T | | | .02 | | .66 | .30 | .05 | .03 | | 1.46 | | | | | .05 | .33 | .43 | | .05 | | | | | |
| BLACKWELLS MILLS | 2.22 | | | | .06 | | | | | | .01 | | .48 | .25 | .04 | .01 | | 1.12 | | | | | | .05 | .11 | | .09 | | | | | |
| BOONTON 1 SE | 2.52 | | | | .05 | | .02 | | | | T | | .62 | .20 | | .03 | | .95 | T | | | | .13 | .13 | .36 | T | .03 | | | | | |
| BOUND BROOK 2 W | 2.59 | | | | .08 | | | | | | T | | .59 | .22 | | T | | 1.17 | | | | | .05 | .15 | .33 | | | | | | | |
| BRANCHVILLE | 2.25 | | | | .30 | | T | | | | .02 | | .51 | .16 | T | .05 | | .61 | | | | | .12 | .22 | .26 | | T | | | | | |
| CANISTEAR RESERVOIR | 2.64 | | | | .24 | | .03 | | | | .04 | | .43 | .33 | | .06 | | .96 | .11 | | | | .11 | .17 | .16 | | T | | | | | |
| CANOE BROOK | 3.09 | | T | | .15 | T | T | T | | | .01 | | .60 | .34 | T | .05 | | 1.18 | .05 | | | | .07 | .22 | .36 | | .06 | | | | | |
| CHARLOTTEBURG | 3.07 | | | | .28 | T | .02 | | | | .03 | | .50 | .49 | | .05 | | .94 | .10 | | | | .05 | .30 | .31 | | T | | | | | |
| CRANFORD | 2.67 | | | T | .17 | | T | | | T | | .01 | .88 | .05 | | .03 | T | .97 | | | | | .36 | .16 | | | .04 | | | | | |
| ESSEX FELLS SERV BLDG | 2.21 | | | | .12 | | T | | | | .02 | | .40 | .21 | | .05 | | .87 | | | | | .15 | .07 | .28 | | .04 | | | | | |
| FLEMINGTON 1 NE | 3.26 | | | | .15 | | T | | | | T | | .48 | .45 | .04 | T | | 1.25 | | | | | .08 | .38 | .35 | | .04 | | .04 | | | |
| GREENWOOD LAKE | 3.05 | | | | .28 | .02 | .03 | | | | .06 | | .60 | .30 | | .08 | | 1.08 | .05 | | | | .05 | .30 | .15 | .05 | | | | | | |
| HIGH POINT PARK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JERSEY CITY | 2.24 | | | .22 | T | | T | | | T | | .26 | 1.14 | | | .02 | .09 | .36 | | | | T | .09 | .04 | | | .02 | | | | | |
| LAMBERTVILLE | 2.93 | | | T | .10 | | T | | | .02 | | .02 | .54 | .03 | .01 | T | .10 | 1.24 | | | | T | .42 | .33 | .12 | | | T | | | | |
| LAYTON 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LITTLE FALLS | 2.44 | | | | .16 | | .01 | | | | .01 | | .60 | .22 | | .06 | | .76 | | | | | .13 | .15 | .29 | | .05 | | | | | |
| LONG VALLEY | 2.58 | | | | .25 | | T | T | | | .06 | | .35 | .40 | | .08 | | .59 | .15 | | | | .25 | .15 | .30 | T | T | | | | | |
| MAHWAH | 2.71 | | | | .27 | .01 | .01 | | | | .07 | | .52 | .43 | .03 | .11 | | .63 | .05 | | | | .04 | .20 | .34 | | T | | | | | |
| MIDLAND PARK | 2.59 | | | .25 | .01 | | .01 | | | .01 | | .19 | .48 | .19 | | .04 | .38 | .42 | T | T | | .02 | .24 | .20 | .14 | T | .01 | T | T | T | T | T |
| MILTON | 3.26 | | | | .35 | | .05 | | | | .05 | | .45 | .53 | | .10 | | .42 | .49 | | | | .10 | .30 | .37 | | | .05 | | | | |
| MORRIS PLAINS 1 W | 3.55 | | T | | .20 | | .14 | T | | | .01 | | .06 | .48 | T | .04 | | .92 | .05 | | | | 1.10 | .16 | .32 | | .07 | | T | T | | |
| NEWARK WSO R | 2.05 | | | .06 | .05 | T | .01 | | | T | | .13 | .60 | T | | .04 | .35 | .23 | | | | .04 | .24 | .17 | .10 | | .03 | | | | | |
| NEW MILFORD | 2.53 | | | .14 | .05 | | | | | | | .07 | .38 | .14 | .18 | .08 | .23 | .62 | | | | .02 | .21 | .30 | .06 | .03 | .02 | | | | | |
| NEWTON | 2.14 | | | | .34 | | .02 | | | | .06 | | .40 | .11 | T | .02 | | .56 | .07 | | | | .11 | .21 | .24 | T | T | | | | | |
| OAK RIDGE RESERVOIR | 3.11 | | | | .33 | | .06 | .02 | | | .09 | | .57 | .21 | .04 | .06 | | .84 | .04 | | | | .26 | .27 | .29 | | .03 | | | | | |
| PATERSON | 2.75 | | | | .18 | T | T | T | | | | | 1.02 | .13 | T | .10 | | .96 | T | | | | .14 | T | .18 | T | .04 | | | | | |
| PHILLIPSBURG | 3.99 | | | | .39 | T | | | | | .06 | | .44 | .30 | .06 | | | .89 | .10 | | | | .05 | 1.27 | .39 | | .04 | | | | | |
| PLAINFIELD | 2.86 | | | .04 | .12 | | T | | | T | | .03 | .86 | .08 | | .01 | .10 | 1.09 | | | | | .28 | .22 | | T | .03 | | | | | |
| POTTERSVILLE 2 NNW | 2.70 | | | | .28 | | | | | | | | .74 | .21 | | T | | .76 | .04 | | | | .06 | .26 | .32 | .01 | .02 | | | | | |
| RAHWAY | 2.40 | | | .10 | | T | T | | | | | .22 | .73 | | | T | .61 | .29 | | | | | .20 | .20 | .05 | | T | | | | | |
| RINGWOOD | 3.10 | | | | .22 | | T | | | | .04 | T | .68 | .22 | | .08 | | 1.10 | .04 | | | | .30 | T | .42 | | T | | | | | |
| SOMERVILLE 3 NW | 2.76 | | | | .15 | | .01 | | | | .03 | | .68 | .03 | | .01 | | 1.28 | .02 | | | | .01 | .24 | .28 | | .02 | | | | | |
| SPLIT ROCK POND | 2.48 | | | | .22 | | | | | | .18 | | .52 | .11 | | .04 | | .82 | | | | | .05 | .53 | .01 | | | | | | | |
| SUSSEX 1 SE | 5.04 | | .02 | | .28 | T | .01 | | | | .04 | | .60 | .08 | .37 | .08 | | .63 | .09 | | | .77 | .08 | .17 | .26 | T | .01 | 1.55 | | | | |
| WANAQUE RAYMOND DAM | 2.68 | | | | .25 | | T | | | | .04 | | .45 | .25 | .05 | .07 | | 1.00 | .03 | | | | .10 | .19 | .25 | T | T | | | | | |
| WERTSVILLE | 2.84 | .01 | | | .10 | T | | | | | | .01 | .43 | .24 | T | T | | 1.26 | .01 | | | | .01 | .33 | .41 | | .03 | | | | | |
| WEST WHARTON | 2.93 | | | | .23 | | .03 | | | | .03 | | .70 | .21 | T | .04 | | .82 | .11 | | | | .10 | .27 | .35 | | .04 | | | | | |
| WOODCLIFF LAKE | 2.63 | .03 | | .22 | .06 | | | | | | | .15 | .40 | .13 | .05 | .09 | .32 | .55 | | | | .02 | .21 | .26 | .09 | | .05 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 3.04 | | | T | T | | T | | | | | .02 | .24 | T | | | 1.46 | .31 | | | | .01 | .69 | .22 | .04 | | .02 | T | | | | .03 |
| AUDUBON | 2.87 | | | T | | | | | | T | | .06 | .36 | T | | | .58 | .95 | | | | T | .61 | .31 | | | T | T | | | | T |
| BASS RIVER ST FOREST | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BELLEPLAIN ST FOREST | 3.11 | | | | .07 | | | | | | | T | .40 | T | | | T | 1.42 | | | | T | .88 | .17 | .09 | * | .08 | T | | | | T |
| BURLINGTON | 2.86 | | | .25 | T | | | | | .01 | | .01 | .35 | .01 | | | .04 | 1.33 | | | | | .55 | .31 | | | | | | | | |
| CANTON | 2.75 | | | | | .05 | | | | | | | | .40 | | | | | | | | | 2.30 | | | | | | | | | |
| CHATSWORTH | 1.48 | | | | .05 | | | | | | | | .40 | .05 | | | | | | | | | .73 | .25 | | | | | | | | |
| FORTESCUE | 2.31 | | | | | | | | | | | | | .35 | | | | 1.10 | | | | | .20 | .46 | .20 | | | | | | | |
| FREEHOLD | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| GLASSBORO | 2.87 | | | | .04 | | | | | | | .05 | .35 | | | * | * | 1.43 | | | | T | .15 | .46 | .35 | | .04 | T | | | | |
| HAMMONTON 2 NNE | 2.16 | | | | | | | | | | | | .10 | .04 | | | | | | | | | 1.20 | .47 | .32 | | .03 | | | | | |
| HIGHTSTOWN 1 N | 3.08 | | | T | .08 | | | | | .01 | | .02 | .54 | .02 | T | T | .03 | 1.54 | | | | .03 | .41 | .29 | .09 | T | .02 | T | | | | |
| INDIAN MILLS 2 W | 3.27 | | | T | T | | | | | T | | .04 | .42 | .06 | .03 | | .05 | 1.58 | | | | .04 | .64 | .25 | .14 | | .02 | T | | | | |
| MAYS LANDING 1 W | 3.00 | | | | T | | T | | | | | | T | .48 | | | | 1.47 | T | | | | .23 | .47 | .32 | | .03 | T | | | | |
| MILLVILLE FAA AIRPORT | 3.55 | | | T | | | T | | | | | .02 | .40 | T | | | .91 | .90 | | | | .12 | .73 | .32 | .06 | | T | .03 | T | | | .06 |
| MOORESTOWN | 3.08 | | | | .01 | | | | | | | | | | .47 | | | 1.49 | | | | | .12 | .49 | .50 | | | T | | | | |
| NEW BRUNSWICK | 2.81 | | | | .02 | | T | | | | T | | .5[illegible] | .25 | .05 | .02 | | 1.20 | T | | | | .08 | .09 | .51 | | .01 | | T | | | |
| PEMBERTON 3 E | 3.05 | | | | .04 | | | | | | | | .3[illegible] | .07 | | | .04 | 1.44 | | | | T | .64 | .27 | .16 | | .03 | | | | | |
| PRINCETON WATER WORKS | 2.47 | | | .05 | .02 | | | | | .02 | | .20 | .4[illegible] | .02 | | T | .83 | .46 | | | | .03 | .19 | .25 | | | T | T | | | | |
| SEABROOK FARMS | 3.13 | T | | | | .03 | | | | | | | .0[illegible] | | .39 | | | 1.64 | | | | | .31 | .38 | .29 | | .05 | | | | | |
| SHILOH | 2.2[illegible] | | | | .03 | | | | | | | | | .04 | | | .06 | 1.31 | | | | T | .63 | .13 | | | .05 | .03 | | | | |
| TOMS RIVER | 3.61 | | | | .05 | | .03 | | | | | | .07 | .48 | .04 | T | | 1.73 | | | | | .20 | .60 | .41 | | T | | | | | |
| TRENTON WSO R | 2.7[illegible] | | | .03 | .03 | | T | | | .02 | | .12 | .35 | T | | | .82 | .51 | | | | .08 | .33 | .32 | .05 | | .03 | .04 | | | | T |
| TUCKERTON | 2.95 | | | T | .02 | T | T | | | | | .03 | .48 | .02 | | | .11 | 1.22 | | | | .03 | .70 | .15 | .17 | | .02 | T | | | | |
| WOODSTOWN | 3.08 | | | | .01 | .02 | T | | | | | .02 | .39 | .03 | | | .02 | 1.41 | | | | .04 | .66 | .31 | .14 | | .03 | T | T | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 2.3[illegible] | | | | .01 | | | | | | | .04 | .24 | | | | .83 | .32 | | | | .05 | .61 | .14 | .02 | | | | | | | .04 |
| CAPE MAY 1 NW | 3.02 | | | | T | | | | | | | | .07 | .43 | | | | 1.13 | | | | | .38 | .67 | .17 | | .17 | | | | | |
| LONG BRANCH 2 S | 3.21 | | | T | .04 | | | | | T | | T | .66 | .10 | | T | T | 1.40 | | | | | .52 | .27 | .19 | | .03 | | | | | |
| SANDY HOOK | 3.24 | | | | .08 | | | | | | .01 | | | | .79 | | .03 | 1.65 | | | | | .26 | | .42 | | T | | | T | | |

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 53 | 51 | 67 | 61 | 55 | 35 | 34 | 34 | 35 | 39 | 48 | 33 | 32 | 34 | 37 | 38 | 34 | 42 | 39 | 47 | 43 | 34 | 27 | 32 | 33 | 32 | 32 | 25 | 32 | 32 | 32 | 38.8 |
| | MIN | 23 | 25 | 27 | 29 | 20 | 24 | 18 | 10 | 19 | 28 | 28 | 24 | 26 | 29 | 25 | 20 | 22 | 33 | 24 | 27 | 21 | 17 | 18 | 21 | 23 | 17 | 11 | 13 | 11 | 12 | 10 | 21.1 |
| BOONTON 1 SE | MAX | 55 | 45 | 64 | 64 | 58 | 40 | 35 | 32 | 30 | 45 | 45 | 32 | 31 | 36 | 36 | 40 | 38 | 40 | 40 | 42 | 49 | 35 | 33 | 33 | 34 | 32 | 33 | 29 | 31 | 29 | 28 | 39.2 |
| | MIN | 28 | 29 | 33 | 36 | 27 | 26 | 22 | 14 | 17 | 28 | 29 | 29 | 29 | 30 | 27 | 23 | 23 | 33 | 26 | 29 | 26 | 23 | 21 | 25 | 29 | 23 | 19 | 19 | 20 | 18 | 15 | 25.0 |
| CANOE BROOK | MAX | 58 | 50 | 66 | 65 | 58 | 37 | 36 | 35 | 34 | 43 | 49 | 34 | 33 | 35 | 39 | 40 | 40 | 40 | 42 | 52 | 47 | 35 | 29 | 32 | 34 | 32 | 25 | 30 | 34 | 32 | 31 | 40.2 |
| | MIN | 24 | 26 | 28 | 30 | 22 | 22 | 18 | 13 | 14 | 27 | 27 | 28 | 27 | 29 | 25 | 22 | 26 | 32 | 26 | 28 | 23 | 23 | 23 | 24 | 28 | 20 | 15 | 12 | 14 | 12 | 14 | 22.6 |
| CHARLOTTEBURG | MAX | 50 | 45 | 61 | 62 | 52 | 33 | 32 | 28 | 31 | 44 | 44 | 29 | 29 | 34 | 32 | 36 | 35 | 35 | 34 | 47 | 38 | 32 | 28 | 28 | 30 | 28 | 27 | 25 | 28 | 24 | 24 | 35.6 |
| | MIN | 25 | 25 | 30 | 31 | 22 | 22 | 19 | 12 | 12 | 27 | 25 | 27 | 27 | 27 | 24 | 21 | 21 | 31 | 24 | 27 | 27 | 22 | 20 | 25 | 26 | 19 | 15 | 19 | 17 | 15 | 15 | 22.5 |
| CRANFORD | MAX | 50 | 65 | 64 | 60 | 45 | 37 | 35 | 34 | 43 | 49 | 43 | 32 | 34 | 40 | 40 | 38 | 42 | 42 | 53 | 51 | 39 | 35 | 33 | 33 | 33 | 34 | 31 | 33 | 31 | 31 | 35 | 40.8 |
| | MIN | 28 | 42 | 32 | 45 | 24 | 28 | 22 | 14 | 28 | 31 | 30 | 30 | 30 | 32 | 28 | 26 | 33 | 35 | 27 | 39 | 25 | 24 | 27 | 28 | 29 | 22 | 18 | 22 | 20 | 15 | 17 | 27.5 |
| ESSEX FELLS SERV BLDG | MAX | 55 | 54 | 64 | 64 | 57 | 35 | 36 | 32 | 36 | 44 | 46 | 32 | 32 | 34 | 36 | 37 | 37 | 38 | 38 | 50 | 39 | 33 | 32 | 32 | 33 | 32 | 32 | 30 | 30 | 29 | 28 | 38.9 |
| | MIN | 26 | 28 | 32 | 36 | 22 | 25 | 22 | 10 | 21 | 32 | 28 | 26 | 22 | 28 | 27 | 22 | 24 | 32 | 25 | 30 | 23 | 23 | 21 | 24 | 18 | 18 | 11 | 15 | 15 | 10 | 12 | 22.8 |
| FLEMINGTON 1 NE | MAX | 56 | 50 | 64 | 64 | 55 | 38 | 34 | 33 | 36 | 45 | 48 | 35 | 33 | 37 | 40 | 40 | 38 | 42 | 44 | 54 | 44 | 34 | 30 | 32 | 33 | 32 | 32 | 27 | 32 | 30 | 29 | 40.0 |
| | MIN | 22 | 24 | 31 | 31 | 23 | 26 | 21 | 10 | 12 | 25 | 28 | 28 | 29 | 29 | 29 | 21 | 21 | 34 | 28 | 29 | 21 | 24 | 20 | 24 | 25 | 20 | 13 | 13 | 13 | 14 | 13 | 22.6 |
| HIGH POINT PARK | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | MAX | 49 | 65 | 62 | 59 | 37 | 36 | 34 | 32 | 43 | 49 | 37 | 34 | 34 | 39 | 38 | 35 | 41 | 40 | 50 | 47 | 36 | 32 | 34 | 35 | 32 | 34 | 29 | 34 | 31 | 30 | 32 | 39.4 |
| | MIN | 38 | 49 | 46 | 29 | 28 | 27 | 21 | 18 | 32 | 37 | 32 | 31 | 30 | 34 | 31 | 29 | 34 | 34 | 33 | 36 | 32 | 25 | 30 | 29 | 29 | 23 | 20 | 24 | 22 | 21 | 19 | 29.8 |
| LAMBERTVILLE | MAX | 53 | 67 | 64 | 58 | 39 | 40 | 35 | 37 | 48 | 51 | 40 | 35 | 36 | 42 | 44 | 37 | 44 | 43 | 56 | 52 | 38 | 32 | 34 | 35 | 35 | 35 | 29 | 34 | 33 | 32 | 38 | 41.8 |
| | MIN | 27 | 40 | 31 | 36 | 26 | 16 | 22 | 13 | 27 | 33 | 27 | 32 | 31 | 34 | 27 | 26 | 36 | 36 | 27 | 37 | 23 | 27 | 27 | 29 | 25 | 24 | 17 | 23 | 15 | 16 | 17 | 26.7 |
| LAYTON 2 | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | MAX | 56 | 49 | 66 | 64 | 58 | 37 | 35 | 34 | 35 | 45 | 47 | 33 | 34 | 37 | 39 | 38 | 40 | 39 | 40 | 52 | 44 | 36 | 33 | 34 | 35 | 34 | 33 | 30 | 32 | 31 | 29 | 40.3 |
| | MIN | 28 | 39 | 32 | 40 | 24 | 27 | 22 | 13 | 18 | 33 | 30 | 29 | 29 | 31 | 30 | 24 | 24 | 34 | 29 | 33 | 29 | 24 | 20 | 26 | 29 | 21 | 17 | 21 | 19 | 19 | 16 | 26.1 |
| LONG VALLEY | MAX | 52 | 47 | 63 | 60 | 55 | 33 | 32 | 31 | 31 | 43 | 45 | 33 | 31 | 33 | 36 | 37 | 37 | 38 | 40 | 47 | 39 | 32 | 30 | 33 | 31 | 30 | 32 | 27 | 31 | 31 | 28 | 37.7 |
| | MIN | 24 | 29 | 24 | 31 | 18 | 24 | 18 | 10 | 18 | 21 | 28 | 28 | 29 | 28 | 20 | 23 | 21 | 32 | 24 | 35 | 20 | 24 | 25 | 23 | 23 | 18 | 11 | 18 | 15 | 17 | 14 | 22.4 |
| MORRIS PLAINS 1 W | MAX | 55 | 49 | 66 | 63 | 56 | 36 | 34 | 33 | 33 | 45 | 47 | 33 | 32 | 35 | 39 | 39 | 39 | 40 | 39 | 50 | 43 | 34 | 32 | 32 | 33 | 31 | 33 | 29 | 32 | 30 | 29 | 39.4 |
| | MIN | 26 | 26 | 29 | 30 | 23 | 24 | 19 | 11 | 13 | 25 | 29 | 27 | 28 | 30 | 23 | 22 | 22 | 32 | 24 | 30 | 20 | 22 | 21 | 25 | 28 | 17 | 12 | 14 | 18 | 17 | 15 | 22.6 |
| NEWARK WSO | MAX | 50 | 66 | 64 | 59 | 39 | 39 | 36 | 36 | 45 | 49 | 36 | 37 | 36 | 40 | 41 | 41 | 44 | 42 | 52 | 47 | 38 | 33 | 35 | 35 | 34 | 35 | 30 | 33 | 31 | 31 | 35 | 40.9 |
| | MIN | 36 | 46 | 40 | 30 | 28 | 29 | 21 | 18 | 35 | 35 | 33 | 32 | 32 | 34 | 32 | 29 | 37 | 33 | 32 | 34 | 30 | 25 | 30 | 30 | 30 | 25 | 20 | 25 | 21 | 20 | 19 | 29.7 |
| NEWTON | MAX | 51 | 48 | 64 | 61 | 52 | 35 | 31 | 30 | 33 | 44 | 43 | 30 | 28 | 35 | 35 | 36 | 34 | 37 | 37 | 48 | 47 | 33 | 26 | 31 | 32 | 32 | 30 | 27 | 29 | 27 | 27 | 37.2 |
| | MIN | 21 | 22 | 28 | 29 | 21 | 20 | 20 | 10 | 15 | 28 | 27 | 22 | 25 | 26 | 23 | 16 | 17 | 31 | 23 | 28 | 22 | 15 | 12 | 20 | 25 | 16 | 13 | 14 | 15 | 16 | 12 | 20.4 |
| PATERSON | MAX | 58 | 50 | 66 | 63 | 59 | 37 | 37 | 35 | 35 | 47 | 47 | 32 | 33 | 36 | 39 | 40 | 39 | 39 | 41 | 50 | 45 | 36 | 33 | 34 | 35 | 35 | 35 | 30 | 34 | 30 | 31 | 40.7 |
| | MIN | 33 | 37 | 39 | 33 | 25 | 26 | 23 | 16 | 17 | 35 | 30 | 28 | 28 | 27 | 28 | 25 | 25 | 35 | 31 | 35 | 26 | 23 | 21 | 26 | 26 | 20 | 18 | 20 | 20 | 19 | 18 | 26.2 |
| PHILLIPSBURG | MAX | 56 | 50 | 60 | 63 | 56 | 37 | 42 | 34 | 37 | 43 | 47 | 36 | 33 | 37 | 42 | 41 | 37 | 42 | 41 | 51 | 46 | 41 | 30 | 34 | 33 | 34 | 34 | 24 | 33 | 34 | 31 | 40.6 |
| | MIN | 27 | 27 | 31 | 30 | 25 | 25 | 22 | 14 | 17 | 28 | 30 | 24 | 28 | 28 | 27 | 25 | 28 | 33 | 27 | 29 | 25 | 25 | 24 | 25 | 21 | 20 | 16 | 15 | 17 | 16 | 15 | 24.0 |
| PLAINFIELD | MAX | 49 | 64 | 62 | 57 | 36 | 34 | 33 | 33 | 44 | 48 | 35 | 33 | 36 | 40 | 39 | 36 | 41 | 40 | 51 | 44 | 40 | 30 | 33 | 33 | 33 | 33 | 29 | 32 | 30 | 30 | 34 | 39.1 |
| | MIN | 29 | 39 | 31 | 30 | 25 | 28 | 22 | 14 | 28 | 33 | 29 | 30 | 30 | 32 | 27 | 26 | 35 | 35 | 28 | 40 | 23 | 25 | 26 | 27 | 28 | 23 | 17 | 20 | 18 | 19 | 17 | 26.9 |
| SOMERVILLE 3 NW | MAX | 55 | 50 | 65 | 63 | 56 | 36 | 35 | 33 | 33 | 42 | 48 | 35 | 33 | 35 | 39 | 40 | 39 | 41 | 41 | 51 | 44 | 34 | 29 | 33 | 32 | 33 | 33 | 29 | 32 | 30 | 29 | 39.6 |
| | MIN | 26 | 26 | 30 | 31 | 22 | 22 | 22 | 11 | 11 | 28 | 26 | 29 | 30 | 31 | 26 | 24 | 24 | 34 | 25 | 31 | 21 | 22 | 24 | 26 | 28 | 21 | 12 | 14 | 19 | 15 | 15 | 23.4 |
| SUSSEX 1 SE | MAX | 47 | 47 | 65 | 59 | 53 | 38 | 32 | 31 | 33 | 40 | 42 | 33 | 27 | 33 | 34 | 33 | 32 | 34 | 37 | 42 | 39 | 32 | 22 | 27 | 27 | 31 | 27 | 27 | 27 | 27 | 27 | 35.6 |
| | MIN | 19 | 20 | 23 | 24 | 19 | 20 | 17 | 6 | 8 | 27 | 23 | 19 | 20 | 23 | 19 | 20 | 17 | 29 | 18 | 25 | 17 | 10 | 10 | 16 | 20 | 9 | 5 | 9 | 9 | 9 | 9 | 16.7 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | MAX | 52 | 63 | 62 | 60 | 43 | 44 | 35 | 37 | 51 | 53 | 46 | 47 | 44 | 42 | 43 | 49 | 52 | 47 | 55 | 47 | 40 | 48 | 46 | 46 | 35 | 35 | 34 | 35 | 34 | 35 | 38 | 45.1 |
| | MIN | 32 | 42 | 36 | 31 | 26 | 29 | 16 | 11 | 35 | 28 | 27 | 43 | 34 | 26 | 26 | 27 | 40 | 28 | 26 | 29 | 25 | 34 | 33 | 30 | 25 | 26 | 19 | 25 | 21 | 16 | 17 | 27.8 |
| AUDUBON | MAX | 56 | 67 | 66 | 59 | 42 | 41 | 36 | 37 | 51 | 53 | 40 | 40 | 41 | 43 | 43 | 47 | 47 | 46 | 53 | 52 | 39 | 37 | 36 | 36 | 35 | 35 | 36 | 35 | 34 | 34 | 36 | 43.6 |
| | MIN | 31 | 41 | 36 | 35 | 28 | 28 | 25 | 17 | 30 | 32 | 31 | 33 | 33 | 29 | 29 | 29 | 39 | 31 | 31 | 37 | 29 | 31 | 31 | 30 | 27 | 24 | 20 | 25 | 21 | 20 | 21 | 29.2 |
| BELLEPLAIN ST FOREST | MAX | 57 | 66 | 65 | 62 | 50 | 43 | 37 | 39 | 53 | 55 | 48 | 49 | 48 | 45 | 45 | 45 | 53 | 48 | 50 | 54 | 45 | 49 | 46 | 45 | 35 | 34 | 35 | 35 | 34 | 35 | 34 | 46.4 |
| | MIN | 32 | 42 | 30 | 49 | 20 | 29 | 22 | 9 | 32 | 32 | 24 | 42 | 34 | 32 | 24 | 24 | 40 | 39 | 26 | 38 | 24 | 32 | 32 | 34 | 22 | 24 | 13 | 23 | 16 | 13 | 17 | 28.1 |
| BURLINGTON | MAX | | | 60 | 56 | 47 | 40 | 32 | 37 | 48 | 48 | 43 | 39 | 40 | 40 | 40 | 42 | 42 | 42 | 49 | 48 | 42 | 36 | 34 | 34 | | 34 | 32 | 30 | 32 | 33 | 32 | 40.4 |
| | MIN | | 46 | | 37 | 27 | 26 | 25 | 18 | 34 | 41 | 33 | 33 | 31 | 35 | 33 | 29 | 39 | 35 | 29 | 34 | 32 | 29 | 32 | 26 | | 25 | 21 | 27 | 26 | 21 | 22 | 30.2 |
| CHATSWORTH | MAX | 57 | 67 | 66 | 61 | | 42 | 35 | 37 | | 52 | | 47 | 45 | 42 | | 43 | 54 | 44 | 57 | 53 | 45 | 46 | 45 | 43 | | | 30 | 34 | 33 | 32 | 37 | 45.9 |
| | MIN | 28 | 43 | 28 | 43 | | 22 | | | | | | 40 | 32 | 30 | | 23 | 38 | 36 | 25 | 38 | 20 | 30 | 30 | 31 | | | 14 | 21 | 14 | 17 | 18 | 28.2 |
| FREEHOLD | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GLASSBORO | MAX | 57 | 53 | 65 | 64 | 59 | 40 | 37 | 35 | 38 | 50 | 50 | 43 | 42 | 40 | 42 | 42 | 48 | 47 | 50 | 54 | 44 | 39 | 40 | 38 | 34 | 33 | 33 | 34 | 33 | 31 | 32 | 43.5 |
| | MIN | 30 | 34 | 35 | 37 | 29 | 24 | 26 | 17 | 19 | 36 | 31 | 37 | 33 | 36 | 30 | 27 | 29 | 39 | 39 | 35 | 23 | 30 | 29 | 29 | 28 | 26 | 19 | 22 | 20 | 20 | 19 | 28.6 |
| HAMMONTON 2 NNE | MAX | 59 | 56 | 67 | 66 | 62 | 42 | 38 | 35 | 38 | 53 | 54 | 44 | 45 | 40 | 45 | 42 | 53 | 49 | 50 | 48 | 55 | 38 | 45 | 43 | 38 | 36 | 35 | 35 | 35 | 34 | 33 | 45.6 |
| | MIN | 28 | 29 | 33 | 32 | 20 | 27 | 22 | 12 | 17 | 30 | 26 | 27 | 29 | 29 | 25 | 24 | 29 | 35 | 36 | 36 | 24 | 26 | 29 | 29 | 25 | 23 | 15 | 18 | 15 | 15 | 17 | 25.2 |
| HIGHTSTOWN 1 N | MAX | 51 | 65 | 62 | 60 | 37 | 40 | 33 | 36 | 48 | 50 | 40 | 37 | 37 | 40 | 39 | 41 | 45 | 41 | 52 | 50 | 37 | 33 | 33 | 33 | 33 | 33 | 29 | 31 | 30 | 29 | 33 | 40.6 |
| | MIN | 28 | 44 | 37 | 33 | 22 | 27 | 23 | 12 | 29 | 37 | 26 | 32 | 31 | 33 | 29 | 26 | 36 | 36 | 28 | 37 | 24 | 29 | 26 | 29 | 26 | 23 | 17 | 20 | 18 | 15 | 16 | 27.4 |
| INDIAN MILLS 2 W | MAX | 54 | 65 | 65 | 60 | 42 | 41 | 34 | 37 | 51 | 51 | 40 | 44 | 44 | 41 | 41 | 42 | 51 | 44 | 56 | 53 | 36 | 44 | 37 | 42 | 35 | 33 | 33 | 34 | 32 | 31 | 37 | 43.5 |
| | MIN | 25 | 44 | 30 | 42 | 22 | 27 | 23 | 7 | 24 | 33 | 22 | 37 | 31 | 30 | 23 | 22 | 38 | 35 | 24 | 33 | 19 | 30 | 30 | 30 | 26 | 21 | 16 | 18 | 16 | 18 | 15 | 26.2 |
| MILLVILLE FAA AIRPORT | MAX | 54 | 64 | 63 | 60 | 42 | 42 | 35 | 36 | 52 | 52 | 43 | 48 | 43 | 42 | 41 | 48 | 55 | 46 | 55 | 46 | 37 | 47 | 43 | 43 | 36 | 34 | 35 | 34 | 32 | 33 | 34 | 44.4 |
| | MIN | 30 | 36 | 34 | 32 | 25 | 29 | 17 | 12 | 33 | 32 | 28 | 41 | 34 | 25 | 27 | 28 | 40 | 29 | 29 | 30 | 24 | 32 | 33 | 29 | 27 | 23 | 17 | 24 | 20 | 19 | 20 | 27.7 |
| MOORESTOWN | MAX | 58 | 53 | 66 | 63 | 39 | 40 | 35 | 35 | 46 | 50 | 51 | 38 | 39 | 39 | 41 | 42 | 45 | 44 | 43 | 53 | 46 | 37 | 36 | 34 | 33 | 34 | 33 | 32 | 34 | 33 | 32 | 42.1 |
| | MIN | 28 | 32 | 34 | 36 | 26 | 28 | 24 | 13 | 28 | 29 | 28 | 32 | 32 | 32 | 26 | 26 | 29 | 30 | 27 | 34 | 27 | 29 | 29 | 30 | 29 | 25 | 20 | 24 | 21 | 19 | 19 | 27.3 |
| NEW BRUNSWICK | MAX | 56 | 48 | 65 | 63 | 57 | 37 | 34 | 33 | 34 | 47 | 49 | 36 | 36 | 38 | 40 | 40 | 42 | 41 | 41 | 55 | 45 | 35 | 40 | 33 | 33 | 32 | 33 | 29 | 32 | 30 | 30 | 40.8 |
| | MIN | 32 | 33 | 36 | 36 | 24 | 27 | 22 | 14 | 15 | 29 | 29 | 31 | 30 | 31 | 28 | 27 | 27 | 29 | 29 | 38 | 27 | 29 | 25 | 25 | 27 | 22 | 17 | 16 | 19 | 17 | 17 | 26.1 |
| PEMBERTON 3 E | MAX | 55 | 71 | 64 | 58 | 44 | 40 | 36 | 39 | 52 | 54 | 40 | 43 | 43 | 42 | 41 | 43 | 46 | 46 | 53 | 50 | 40 | 43 | 36 | 41 | 35 | 34 | 33 | 35 | 33 | 32 | 36 | 43.8 |
| | MIN | 26 | 44 | 29 | 44 | 22 | 28 | 20 | 9 | 28 | 33 | 25 | 35 | 35 | 28 | 24 | 24 | 41 | 35 | 27 | 39 | 21 | 28 | 29 | 29 | 28 | 23 | 18 | 19 | 19 | 16 | 17 | 27.2 |

See Reference Notes Following Station Index

Continued

## DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEABROOK FARMS | MAX | 58 | 55 | 64 | 64 | 59 | 40 | 34 | 35 | 38 | 53 | 52 | 42 | 46 | 39 | 43 | 42 | 51 | 46 | 46 | 54 | 47 | 37 | 45 | 42 | 35 | 35 | 32 | 34 | 33 | 32 | 32 | 44.0 |
| | MIN | 31 | 35 | 34 | 37 | 25 | 28 | 22 | 15 | 21 | 35 | 28 | 33 | 33 | 33 | 28 | 27 | 33 | 39 | 30 | 40 | 26 | 31 | 32 | 32 | 28 | 25 | 18 | 23 | 19 | 19 | 19 | 28.4 |
| SHILOH | MAX | 54 | 65 | 61 | 60 | 46 | 42 | 36 | 37 | 52 | 53 | 47 | 45 | 45 | 43 | 41 | 43 | 50 | 45 | 51 | 53 | 41 | 45 | 40 | 41 | 36 | 33 | 35 | 34 | 32 | 33 | 37 | 44.4 |
| | MIN | 31 | 44 | 38 | 45 | 26 | 27 | 24 | 15 | 29 | 39 | 29 | 37 | 33 | 33 | 29 | 27 | 39 | 39 | 30 | 39 | 27 | 31 | 32 | 33 | 28 | 25 | 19 | 23 | 20 | 19 | 20 | 30.0 |
| TOMS RIVER | MAX | 58 | 52 | 65 | 65 | 60 | 42 | 35 | 35 | 38 | 52 | 51 | 47 | 45 | 37 | 41 | 41 | 52 | 52 | 42 | 56 | 48 | 40 | 45 | 45 | 35 | 35 | 34 | 33 | 33 | 32 | 30 | 44.4 |
| | MIN | 28 | 29 | 30 | 33 | 21 | 18 | 23 | 10 | 12 | 30 | 27 | 30 | 33 | 31 | 25 | 26 | 37 | 37 | 27 | 40 | 22 | 25 | 30 | 30 | 28 | 22 | 15 | 15 | 20 | 15 | 17 | 25.4 |
| TRENTON WSO | MAX | 52 | 65 | 62 | 60 | 40 | 41 | 33 | 35 | 46 | 48 | 38 | 37 | 39 | 40 | 39 | 43 | 44 | 41 | 51 | 46 | 35 | 34 | 34 | 35 | 33 | 32 | 31 | 31 | 31 | 29 | 32 | 40.5 |
| | MIN | 37 | 46 | 46 | 30 | 28 | 27 | 24 | 20 | 33 | 38 | 34 | 33 | 32 | 34 | 31 | 29 | 38 | 34 | 34 | 35 | 31 | 30 | 31 | 30 | 29 | 23 | 20 | 25 | 22 | 21 | 20 | 30.5 |
| TUCKERTON | MAX | 53 | 67 | 64 | 61 | 41 | 43 | 36 | 38 | 52 | 53 | 43 | 47 | 46 | 43 | 43 | 45 | 47 | 46 | 55 | 54 | 38 | 47 | 43 | 45 | 35 | 35 | 32 | 36 | 34 | 34 | 36 | 44.9 |
| | MIN | 30 | 47 | 34 | 38 | 22 | 30 | 23 | 10 | 33 | 36 | 26 | 42 | 34 | 30 | 25 | 26 | 39 | 34 | 24 | 35 | 21 | 32 | 31 | 29 | 24 | 23 | 17 | 21 | 18 | 15 | 19 | 28.0 |
| WOODSTOWN | MAX | 54 | 66 | 65 | 62 | 46 | 41 | 37 | 38 | 51 | 53 | 42 | 39 | 41 | 42 | 42 | 42 | 48 | 47 | 52 | 50 | 45 | 38 | 44 | 37 | 35 | 32 | 35 | 34 | 33 | 33 | 36 | 43.9 |
| | MIN | 29 | 39 | 31 | 45 | 22 | 28 | 16 | 18 | 29 | 30 | 27 | 39 | 33 | 33 | 25 | 28 | 40 | 38 | 28 | | 27 | 30 | 31 | 30 | 28 | 20 | 21 | 17 | 19 | 18 | 20 | 28.0 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 53 | 65 | 58 | 60 | 44 | 44 | 35 | 39 | 50 | 52 | 47 | 47 | 44 | 42 | 42 | 48 | 53 | 45 | 53 | 47 | 38 | 48 | 45 | 47 | 35 | 34 | 32 | 34 | 32 | 32 | 36 | 44.5 |
| | MIN | 36 | 47 | 44 | 32 | 27 | 29 | 26 | 23 | 39 | 35 | 32 | 44 | 35 | 34 | 34 | 33 | 40 | 34 | 35 | 33 | 32 | 36 | 33 | 30 | 28 | 25 | 22 | 25 | 22 | 20 | 22 | 31.8 |
| CAPE MAY 1 NW | MAX | 55 | 53 | 61 | 62 | 60 | 46 | 36 | 36 | 42 | 54 | 52 | 51 | 48 | 42 | 43 | 43 | 54 | 49 | 46 | 53 | 47 | 44 | 48 | 48 | 40 | 35 | 33 | 36 | 33 | 32 | 33 | 45.6 |
| | MIN | 35 | 37 | 39 | 40 | 31 | 34 | 28 | 19 | 20 | 41 | 30 | 31 | 37 | 37 | 33 | 31 | 42 | 41 | 31 | 40 | 32 | 33 | 36 | 36 | 30 | 29 | 23 | 25 | 25 | 24 | 23 | 32.0 |
| LONG BRANCH 2 S | MAX | 48 | 65 | 63 | 58 | 38 | 37 | 36 | 36 | 52 | 51 | 42 | 41 | 41 | 41 | 40 | 44 | 50 | 42 | 53 | 50 | 38 | 43 | 40 | 39 | 35 | 34 | 32 | 34 | 32 | 32 | 34 | 42.6 |
| | MIN | 34 | 47 | 41 | 37 | 24 | 29 | 21 | 14 | 30 | 31 | 29 | 36 | 31 | 34 | 29 | 28 | 38 | 34 | 28 | 37 | 25 | 32 | 28 | 30 | 27 | 24 | 18 | 21 | 20 | 17 | 18 | 28.8 |
| SANDY HOOK | MAX | 46 | 54 | 58 | 55 | 46 | 39 | 32 | 31 | 42 | 45 | 42 | 37 | 37 | 38 | 39 | 44 | 38 | 46 | 46 | 46 | 34 | | 33 | 34 | 31 | 31 | 28 | 31 | 29 | 29 | 31 | 39.1 |
| | MIN | 22 | 45 | 43 | 46 | 28 | 28 | 26 | 19 | 30 | 39 | 33 | 33 | 32 | 34 | 30 | 37 | 35 | 31 | 37 | 32 | 28 | | 30 | 30 | 29 | 25 | 19 | 24 | 23 | 22 | 20 | 30.3 |

## SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Standard of Time EASTERN | | | | | | | | | | | | |
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WSO | 30 | 6.5 | 11.7 | 33++ | 29 | 24+ | 72 | 73 | 56 | 68 | 5 | 5 | 3 | 1 | 1 | 0 | 15 | 45 | 6.4 |
| ATLANTIC CITY ST. MARINA | - | - | - | 43 | E | 16 | - | - | - | - | 0 | 5 | 3 | 2 | 0 | 0 | 10 | - | - |
| NEWARK WSO | 30 | 6.9 | 12.4 | 30++ | 29 | 17+ | 76 | 77 | 62 | 70 | 3 | 6 | 6 | 1 | 0 | 0 | 16 | - | 6.5 |
| TRENTON WSO | - | - | - | 36 | NW | 06 | - | - | - | - | 3 | 7 | 4 | 2 | 0 | 0 | 16 | 52 | 5.8 |

# DAILY SOIL TEMPERATURES

NEW JERSEY
DECEMBER 1970

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 52 | 55 | 54 | 54 | 44 | 43 | 37 | 36 | 44 | 47 | 41 | 41 | 40 | 43 | 44 | 43 | 43 | 43 | 46 | 46 | 38 | 39 | 39 | 40 | 39 | 37 | 35 | 35 | 34 | 34 | 35 | 42.0 |
| | | MIN | 44 | 48 | 45 | 43 | 40 | 37 | 35 | 34 | 36 | 41 | 40 | 40 | 40 | 39 | 39 | 34 | 40 | 38 | 38 | 38 | 36 | 38 | 39 | 38 | 36 | 35 | 34 | 34 | 34 | 33 | 32 | 38.0 |
| | 2 | MAX | 51 | 54 | 53 | 53 | 44 | 44 | 38 | 37 | 43 | 46 | 42 | 41 | 41 | 43 | 44 | 43 | 43 | 43 | 45 | 45 | 39 | 40 | 40 | 40 | 38 | 37 | 36 | 35 | 35 | 34 | 35 | 42.0 |
| | | MIN | 45 | 48 | 46 | 44 | 42 | 38 | 36 | 36 | 37 | 42 | 40 | 40 | 40 | 40 | 40 | 35 | 41 | 39 | 39 | 39 | 38 | 39 | 40 | 38 | 37 | 36 | 35 | 35 | 34 | 34 | 34 | 38.9 |
| | 4 | MAX | 53 | 52 | 52 | 53 | 54 | 51 | 48 | 41 | 39 | 43 | 45 | 44 | 43 | 43 | 41 | 43 | 42 | 43 | 43 | 44 | 45 | 42 | 41 | 40 | 41 | 41 | 39 | 38 | 39 | 37 | 36 | 43.7 |
| | | MIN | 50 | 47 | 49 | 48 | 51 | 48 | 41 | 38 | 38 | 39 | 42 | 42 | 42 | 41 | 40 | 41 | 36 | 42 | 40 | 40 | 39 | 40 | 40 | 40 | 40 | 39 | 37 | 37 | 37 | 36 | 35 | 41.1 |
| | 8 | MAX | 52 | 52 | 51 | 53 | 52 | 51 | 48 | 45 | 43 | 43 | 46 | 45 | 45 | 44 | 43 | 43 | 42 | 44 | 43 | 44 | 44 | 43 | 43 | 42 | 43 | 43 | 42 | 40 | 42 | 39 | 37 | 44.7 |
| | | MIN | 50 | 50 | 50 | 51 | 51 | 43 | 45 | 41 | 42 | 41 | 43 | 44 | 44 | 43 | 42 | 42 | 41 | 42 | 42 | 41 | 42 | 42 | 42 | 41 | 42 | 41 | 40 | 40 | 39 | 37 | 37 | 42.9 |
| | 20 | MAX | 52 | 52 | 52 | 53 | 52 | 51 | 50 | 47 | 46 | 47 | 47 | 47 | 46 | 46 | 46 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 44 | 44 | 44 | 43 | 43 | 42 | 41 | 41 | 46.3 |
| | | MIN | 52 | 51 | 52 | 52 | 51 | 50 | 47 | 46 | 46 | 46 | 47 | 46 | 46 | 46 | 45 | 44 | 45 | 45 | 45 | 45 | 45 | 44 | 44 | 44 | 43 | 42 | 43 | 42 | 41 | 41 | 41 | 45.7 |
| | 40 | MAX | 54 | 54 | 54 | 54 | 54 | 53 | 53 | 52 | 51 | 51 | 51 | 50 | 50 | 50 | 50 | 49 | 49 | 49 | 49 | 48 | 48 | 48 | 48 | 47 | 47 | 47 | 46 | 47 | 46 | 45 | 45 | 49.6 |
| | | MIN | 54 | 53 | 54 | 53 | 53 | 53 | 52 | 51 | 51 | 51 | 50 | 50 | 50 | 50 | 49 | 48 | 49 | 48 | 48 | 48 | 48 | 48 | 47 | 47 | 47 | 46 | 46 | 46 | 45 | 45 | 45 | 49.2 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 51 | 57 | 56 | 54 | 37 | 38 | 35 | 35 | 35 | 46 | 39 | 39 | 39 | 43 | 41 | 40 | 43 | 43 | 47 | 46 | 36 | 36 | 36 | 37 | 37 | 36 | 35 | 35 | 34 | 34 | 34 | 40.5 |
| | | MIN | 38 | 46 | 40 | 37 | 36 | 35 | 30 | 30 | 34 | 35 | 36 | 37 | 37 | 36 | 36 | 33 | 39 | 36 | 36 | 36 | 35 | 35 | 36 | 35 | 35 | 35 | 35 | 34 | 33 | 32 | 31 | 35.5 |
| | 2 | MAX | 50 | 56 | 55 | 54 | 37 | 38 | 35 | 35 | 36 | 45 | 39 | 39 | 40 | 42 | 40 | 40 | 43 | 42 | 45 | 45 | 36 | 36 | 36 | 37 | 37 | 36 | 35 | 35 | 34 | 34 | 34 | 40.2 |
| | | MIN | 38 | 46 | 40 | 37 | 36 | 35 | 31 | 30 | 34 | 34 | 36 | 37 | 36 | 36 | 36 | 33 | 39 | 36 | 36 | 36 | 35 | 35 | 36 | 35 | 35 | 35 | 35 | 34 | 33 | 32 | 31 | 35.4 |
| | 4 | MAX | 49 | 53 | 52 | 53 | 40 | 39 | 36 | 35 | 36 | 42 | 39 | 39 | 40 | 41 | 39 | 40 | 43 | 41 | 44 | 43 | 37 | 36 | 36 | 37 | 37 | 36 | 36 | 35 | 35 | 34 | 34 | 39.9 |
| | | MIN | 41 | 46 | 43 | 40 | 39 | 36 | 35 | 34 | 35 | 36 | 37 | 37 | 37 | 37 | 37 | 34 | 39 | 37 | 37 | 37 | 36 | 36 | 36 | 36 | 36 | 35 | 35 | 35 | 34 | 34 | 33 | 36.8 |
| | 8 | MAX | 48 | 51 | 51 | 52 | 45 | 42 | 40 | 38 | 38 | 41 | 40 | 40 | 40 | 41 | 40 | 40 | 42 | 41 | 42 | 43 | 40 | 38 | 38 | 38 | 38 | 38 | 37 | 37 | 37 | 36 | 35 | 40.9 |
| | | MIN | 45 | 47 | 47 | 45 | 42 | 40 | 38 | 38 | 38 | 38 | 40 | 40 | 39 | 40 | 39 | 36 | 40 | 40 | 39 | 40 | 38 | 38 | 38 | 37 | 37 | 37 | 37 | 37 | 36 | 35 | 35 | 39.2 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.
SUB-STA 2 : SLOPE OF GROUND. FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# SNOWFALL AND SNOW ON GROUND

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | | | | | | T | T | | | | | .3 | .5 | | T | | 2.0 | | | | | .3 | 3.0 | 1.0 | | .3 | T | T | | | |
| | SN ON GND | | | | | | | T | | | | | T | 1 | 1 | T | T | 2 | T | T | | | T | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CHARLOTTEBURG | SNOWFALL | | | | | | | | | | | | .5 | T | | 1.0 | | 3.5 | | | | | .8 | 3.0 | 1.0 | | .3 | | | | | |
| | SN ON GND | | | | | | | | | | | | T | T | T | 1 | T | 3 | 3 | 2 | 1 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 |
| FLEMINGTON 1 NE | SNOWFALL | | | | | | T | | | | T | | | | T | T | | .8 | | | | | .5 | 2.0 | 1.5 | | .5 | | .6 | | | |
| | SN ON GND | | | | | | | | | | | | | | | T | | | | | | | 1 | 3 | 4 | 4 | 5 | 4 | 5 | 5 | 5 | 5 |
| LAMBERTVILLE | SNOWFALL | | | | | | T | | | | | | | | | T | T | | | | | T | 1.0 | T | T | | | T | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | T | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 |
| LITTLE FALLS | SNOWFALL | | | | | | 1.0 | | | | | | | 5.0 | | .6 | | 1.7 | | | | | 1.5 | 1.5 | 6.0 | | .5 | | | | | |
| | SN ON GND | | | | | | T | | | | | | | 1 | | 1 | T | 2 | 1 | T | | | 2 | 3 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| LONG VALLEY | SNOWFALL | | | | | | T | T | | | | | | | | 1.0 | | 3.0 | | | | | 3.0 | | 2.0 | | | | | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MORRIS PLAINS 1 W | SNOWFALL | | | | | | 1.5 | T | | | T | | T | | T | .5 | | 2.5 | | | | | 2.0 | 2.0 | 1.0 | | .5 | | T | T | | |
| | SN ON GND | | | | | | 2 | 1 | T | | | | | | | 1 | T | 3 | 3 | 1 | | | 2 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| NEWARK WSO | SNOWFALL | | | | | T | .1 | | | | | | | | | .3 | T | | | | | .1 | 1.6 | .3 | | | .5 | | | | | |
| | SN ON GND | | | | | | T | | | | | | | | | T | | | | | | | T | 2 | 1 | 1 | 2 | 1 | 1 | T | T | T |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | | | | - | | | - | | | | | |
| NEWTON | SNOWFALL | | | | | | T | | | | T | | .5 | | T | .7 | | 3.3 | T | | | | 1.5 | 1.5 | .8 | T | T | | | | | |
| | SN ON GND | | | | | | T | | | | | | 1 | 1 | 1 | 2 | 1 | 5 | 3 | 2 | 1 | T | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| PATERSON | SNOWFALL | | | | | | T | | | | | | T | T | T | .9 | | 2.3 | T | | | | 1.9 | T | .9 | T | .5 | | | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PHILLIPSBURG | SNOWFALL | | | | | | | | | | | | | | | | | | | | | | 1.0 | | | | 1.0 | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 2 | T | | | | |
| PLAINFIELD | SNOWFALL | | | | | | T | | | T | | T | | | | .1 | T | | | | | | 2.3 | .3 | | T | .3 | | | | | |
| | SN ON GND | | | | | | T | | | | | T | | | | T | T | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 |
| RAHWAY | SNOWFALL | | | | | T | T | | | | | | | | | T | | | | | | | 1.8 | .3 | | | T | | | | | |
| | SN ON GND | | | | | T | T | | | | | | | | | T | | | | | | | 2 | 2 | 1 | 1 | 1 | T | | | | |
| SOMERVILLE 3 NW | SNOWFALL | | | | | | T | | | | | | T | | | T | | | | | | | T | 2.5 | | | T | | | | | |
| | SN ON GND | | | | | | T | | | | | | | | | | | | | | | | T | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| WANAQUE RAYMOND DAM | SNOWFALL | | | | | | T | | | | | | | | | | | 2.0 | | | | | 1.5 | 1.5 | 1.0 | T | T | | | | | |
| | SN ON GND | | | | | | T | | | | | | | | | | | 2 | 1 | 1 | | | 2 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | SNOWFALL | | | | | | | | | | | | | | | | | | | | | T | T | | | | .2 | T | | | | 1.2 |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | T | T | T | T | | |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | SNOWFALL | | | | | | | | | | | T | | | | T | | | | | | .4 | 1.3 | T | T | T | .3 | .1 | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | T | 1 | 1 | T | T | T | T | T | T | T | T |
| INDIAN MILLS 2 W | SNOWFALL | | | | | | | | | | | | | | | | | | | | | .4 | .2 | | | | .3 | T | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | T | | | | | | T | | | | |
| MAYS LANDING 1 W | SNOWFALL | | | | | | | | | | | | | | | | | | | | | | | | | | .2 | T | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | T | | | | | |
| MILLVILLE FAA AIRPORT | SNOWFALL | | | | | | | | | | | | | | | | | | | | | 1.2 | | | | | T | T | T | | | 1.8 |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOORESTOWN | SNOWFALL | | | | | | | | | | | | | | | | | | | | | | 2.0 | | | | | T | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | T | | | | |
| NEW BRUNSWICK | SNOWFALL | | | | | | T | | | | | | T | | | .3 | | T | T | | | | .6 | 1.4 | .5 | | .3 | | T | | | |
| | SN ON GND | | | | | | | | | | | | T | | | T | | | | | | | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| PEMBERTON 3 E | SNOWFALL | | | | | | | | | | | | | | | | | | | | | T | 1.5 | | | | .2 | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | T | | | | | | | | | | |
| TRENTON WSO | SNOWFALL | | | | | | T | | | | | | | T | | | | | | | | .7 | 1.0 | .1 | | | .4 | .5 | | | | T |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | T | T | T | T | T | T | T | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2 S | SNOWFALL | | | | | | | | | | | | | | | T | | | | | | | T | | | | .3 | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | T | T | | | | |

See Reference Notes Following Station Index

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| JUNE 1970 | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | 78.4 | 57.9 | 68.2 | - 2.0 | 90 | 4+ | 48 | 14 | 26 | 2 | 0 | 0 | 0 | 3.89 | .21 | 1.32 | 22 | .0 | 0 | | 9 | 1 | 1 |
| PHILLIPSBURG | 79.4 | 54.6 | 67.0 | - 3.0 | 91 | 12 | 45 | 28 | 35 | 1 | 0 | 0 | 0 | 2.11 | - 2.15 | .53 | 22 | .0 | 0 | | 8 | 1 | 0 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| JULY 1970 | | | | | | | | | | | | | | | | | | | | | | | |
| BURLINGTON | 87.5M | 66.3M | 76.9M | - .3 | 95 | 4 | 46 | 6 | 0 | 10 | 0 | 0 | 0 | 1.92 | - 2.32 | .50 | 31 | .0 | 0 | | 5 | 1 | 0 |
| WOODSTOWN | 86.4 | 63.5 | 75.0 | | 92 | 28 | 53 | 7 | 0 | 6 | 0 | 0 | 0 | 5.02 | | 1.24 | 30 | .0 | 0 | | 7 | 4 | 2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| AUGUST 1970 | | | | | | | | | | | | | | | | | | | | | | | |
| BURLINGTON | 88.5M | M | M | | 94 | 28+ | 47 | 5 | | 11 | 0 | 0 | 0 | 2.12 | - 2.72 | 2.00 | 23 | .0 | 0 | | 2 | 1 | 1 |

# DAILY PRECIPITATION

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JUNE 1970 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | 3.89 | | | | .40 | .41 | .19 | .17 | .40 | | | | | .22 | | | .02 | .06 | .03 | .23 | | | 1.32 | | | | T | .44 | | | | |
| PHILLIPSBURG | 2.11 | | | | .35 | .18 | | .22 | | | | | | | .02 | | .10 | | .10 | .22 | | | .53 | | | | | .39 | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JULY 1970 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BURLINGTON | 1.92 | | .07 | | .47 | | | | | | .37 | | | | | | .01 | | | | .03 | | | | .30 | | | | | .03 | .14 | .50 |
| WOODSTOWN | 5.02 | | .29 | | 1.22 | T | | | | | .65 | | | | | .01 | .80 | | | | .31 | T | T | T | .44 | T | | .04 | | .01 | 1.24 | .01 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AUGUST 1970 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BURLINGTON | 2.12 | .10 | | | | .01 | | | | | | | | | T | | | | | | .01 | | | 2.00 | | | | | | | | T |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JUNE 1970 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | MAX | 79 | 86 | 90 | 90 | 64 | 76 | 69 | 70 | 81 | 82 | 81 | 89 | 88 | 75 | 74 | 74 | 70 | 79 | 60 | 83 | 73 | 69 | 74 | 81 | 82 | 85 | 74 | 75 | 77 | 82 | | 78.4 |
| | MIN | 58 | 64 | 63 | 59 | 58 | 59 | 53 | 52 | 57 | 58 | 62 | 62 | 58 | 48 | 53 | 59 | 62 | 66 | 60 | 58 | 51 | 58 | 54 | 56 | 61 | 67 | 63 | 49 | 49 | 60 | | 57.9 |
| PHILLIPSBURG | MAX | 79 | 86 | 89 | 88 | 64 | 80 | 66 | 77 | 84 | 86 | 86 | 91 | 69 | 80 | 77 | 68 | 69 | 80 | 84 | 84 | 75 | 66 | 75 | 85 | 83 | 83 | 72 | 74 | 79 | 82 | | 79.4 |
| | MIN | 54 | 59 | 68 | 58 | 58 | 60 | 48 | 47 | 54 | 57 | 56 | 56 | 52 | 50 | 53 | 57 | 59 | 64 | 58 | 50 | 49 | 53 | 50 | 53 | 56 | 60 | 59 | 45 | 46 | 49 | | 54.6 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JULY 1970 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BURLINGTON | MAX | 91 | 92 | 84 | 95 | 90 | 86 | 90 | 88 | 86 | 88 | 86 | 87 | 85 | 84 | 85 | 90 | 86 | 90 | 91 | 89 | 81 | 81 | 83 | 87 | | | 91 | 92 | 86 | 85 | 88 | 87.5 |
| | MIN | 68 | 68 | 66 | 75 | 78 | 46 | 65 | 63 | 62 | 47 | 62 | 84 | 60 | 77 | 62 | 68 | 63 | 57 | 64 | 74 | 65 | 63 | 78 | | | | 55 | 68 | 67 | 78 | 72 | 66.3 |
| WOODSTOWN | MAX | 88 | 87 | 86 | 90 | 80 | 86 | 87 | 87 | 86 | 82 | 85 | 87 | 84 | 81 | 87 | 88 | 88 | 89 | 90 | 88 | 82 | 80 | 81 | 89 | 91 | 87 | 91 | 92 | 90 | 83 | 87 | 86.4 |
| | MIN | 65 | 64 | 65 | 68 | 65 | 58 | 53 | 61 | 62 | 59 | 64 | 61 | 56 | 59 | 64 | 66 | 61 | 63 | 63 | 62 | 63 | 65 | 61 | 60 | 72 | 70 | 66 | 68 | 68 | 66 | 71 | 63.5 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AUGUST 1970 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BURLINGTON | MAX | 92 | 93 | 89 | | 88 | 88 | 86 | 87 | 88 | 84 | 83 | 94 | 92 | | 93 | 93 | | 87 | 64 | 88 | 85 | 85 | 90 | 82 | 85 | 85 | 93 | 94 | 92 | 90 | 87 | 88.5 |
| | MIN | 73 | 70 | | | 47 | 62 | | 67 | 64 | | | | | | | | | 83 | | | 72 | | | 60 | 62 | 64 | 63 | 68 | 72 | 67 | 73 | |

# CORRECTIONS

NEW JERSEY
DECEMBER 1970

| DATE | TABLE | DIVISION | STATION | CORRECTION |
|---|---|---|---|---|
| OCTOBER 1970 | MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA | SOUTHERN 02 | NEW BRUNSWICK | PRECIPITATION TOTAL 2.86; DEPARTURE -.30 |
| OCTOBER 1970 | DAILY PRECIPITATION | SOUTHERN 02 | NEW BRUNSWICK | TOTAL PRECIPITATION 2.86; AMOUNT ON 1ST .03 |

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES |  |  |  | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) |  |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 |  |  |  | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WSO | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID |  | C HJ | NATL WEATHER SERVICE |
| #ATLANTIC CITY R | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID |  | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P |  |  | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 |  | 9A |  | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P |  |  | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A |  | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 |  | 7A |  |  | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 |  | 7A |  |  | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A |  |  | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 |  | 7A |  |  | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P |  |  | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 |  | 8A |  |  | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A |  | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 |  | 9A |  |  | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A |  | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 |  |  |  | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A |  | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P |  |  | EARL M. KERCHNER |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 |  | 8A |  |  | CLOSED 6/25/70 |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P |  |  | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A |  | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A |  | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 |  | 7A |  |  | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A |  | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A |  | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 |  | 7A |  |  | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A |  |  | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A |  |  | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P |  | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P |  | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID |  |  | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P |  | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A |  |  | ROBERT WELSH |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A |  | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P |  | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A |  | H | MRS. ALICE A. HOLZ |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 59 | 74 48 | 25 |  |  |  | C | CLOSED 5/1/70 |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 |  | 7A |  |  | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 |  |  |  | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 |  | 9A |  | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 |  | MID |  |  | RIDGEWOOD WATER CO. |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID |  | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 |  | 7A |  |  | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A |  | H | H. J. WILLARD |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A |  | H | JOSEPH H. GARRIS, 111 |
| MOUNT HOLLY | 5866 | 02 | BURLINGTON | 2 | 39 59 | 74 48 | 10 |  |  |  | C | J. WESLEY GOODFELLOW |
| NEWARK WSO R | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID |  | C HJ | NATL WEATHER SERVICE |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 |  | MID |  | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A |  | C H | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 |  | 8A |  |  | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A |  | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A |  | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P |  | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 |  | 8A |  |  | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 |  | MID |  |  | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 |  | MID |  | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 |  | 10A |  |  | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P |  |  | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P |  |  | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A |  | H | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 |  | 10A |  |  | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 |  |  |  | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A |  |  | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A |  |  | TOMS RIVER WATER CO. |
| #TRENTON WSO R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID |  | C HJ | NATL WEATHER SERVICE |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P |  |  | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 |  | 8A |  | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 |  |  |  | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 |  | 7A |  |  | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 |  | 7A |  |  | N.J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 |  | MID |  | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P |  |  | CREAM VALLEY DAIRY |
| CLOSED STATIONS |  |  |  |  |  |  |  |  |  |  |  |  |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 200 |  | 8A |  |  | CLOSED 6/25/70 |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 |  |  |  | C | CLOSED 5/1/70 |

† DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN 11-ROCKAWAY

# REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65 F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 1:00 p.m., e.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| - | No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index. |
| | No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry. |
| + | And also on an earlier date or dates. |
| ++ | Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data. |
| * | Amount included in following measurement, time distribution unknown. |
| | Gage is equipped with a windshield. |
| B | Adjusted to a full month. |
| D | Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall. |
| M | One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month. |
| R | Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.) |
| T | Trace, an amount too small to measure. |
| V | Includes total for previous month. |

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| AR | This entry in time of observation column in Station Index means after rain. |
| C | Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin. |
| G | "Soil Temperature" table. |
| B | "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month. |
| J | "Supplemental Data" table. |
| S | Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin. |
| SS | This entry in time of observation column in Station Index means observation made near sunset. |
| VAR | This entry in time of observation column in Station Index means variable. |
| # | Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building. |

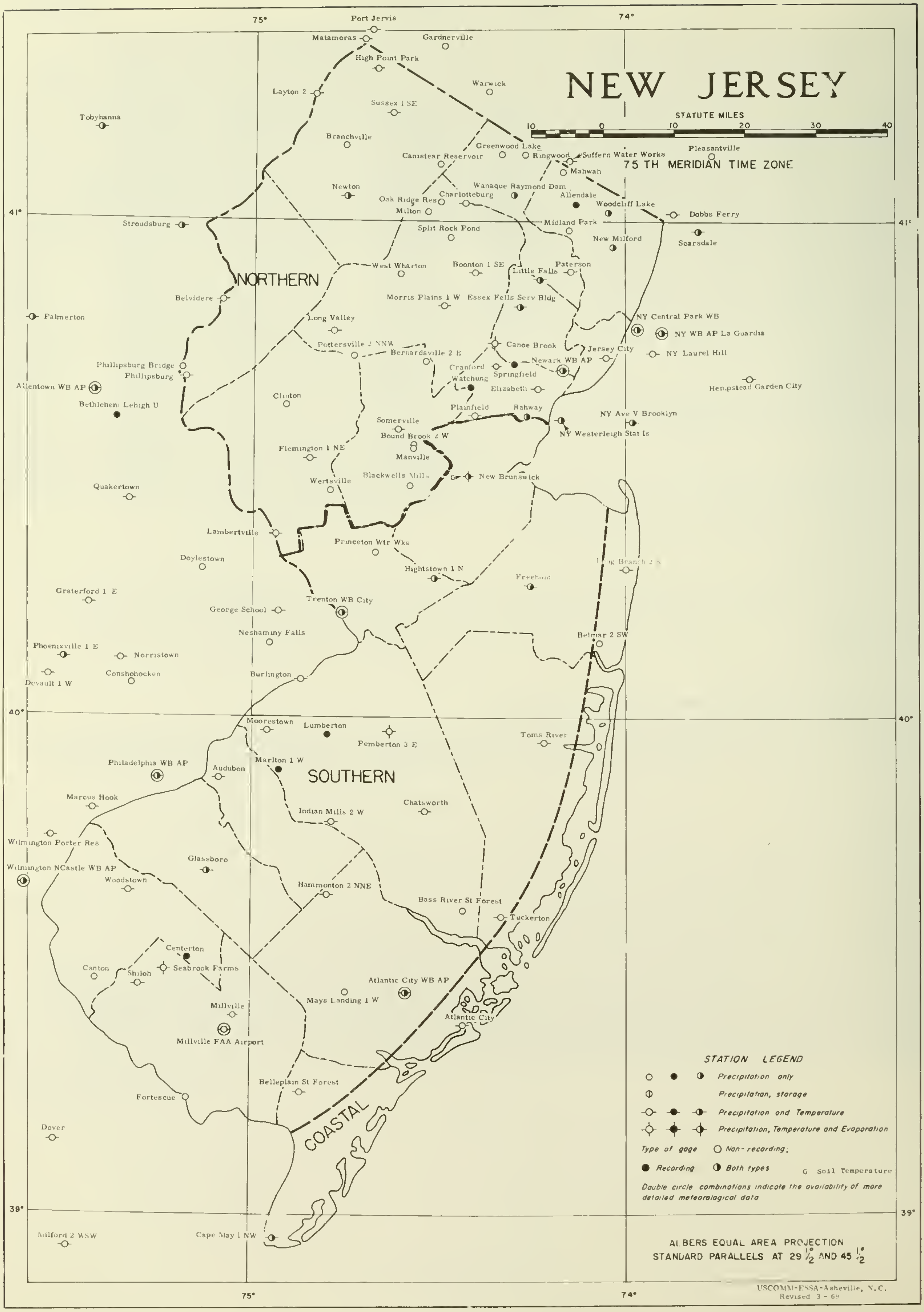
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-NOAA-ASHEVILLE-2/2/71-920


NEW JERSEY
STATUTE MILES
10 0 10 20 30 40
75 TH MERIDIAN TIME ZONE
75°
74°
41°
40°
39°
NORTHERN
SOUTHERN
COASTAL
Port Jervis
Matamoras
Gardnerville
High Point Park
Layton 2
Warwick
Sussex 1 SE
Tobyhanna
Branchville
Greenwood Lake
Canistear Reservoir
Ringwood
Suffern Water Works
Pleasantville
Mahwah
Newton
Wanaque Raymond Dam
Charlotteburg
Oak Ridge Res
Allendale
Milton
Woodcliff Lake
Dobbs Ferry
Stroudsburg
Midland Park
Split Rock Pond
New Milford
Scarsdale
West Wharton
Boonton 1 SE
Paterson
Little Falls
Belvidere
Morris Plains 1 W
Essex Fells Serv Bldg
Palmerton
Long Valley
NY Central Park WB
NY WB AP La Guardia
Pottersville 2 NNW
Bernardsville 2 E
Canoe Brook
Jersey City
NY Laurel Hill
Phillipsburg Bridge
Phillipsburg
Cranford
Newark WB AP
Allentown WB AP
Watchung
Springfield
Hempstead Garden City
Elizabeth
Clinton
Bethlehem Lehigh U
Plainfield
Rahway
NY Ave V Brooklyn
Somerville
Bound Brook 2 W
NY Westerleigh Stat Is
Flemington 1 NE
Manville
Blackwells Mills
New Brunswick
G
Wertsville
Quakertown
Lambertville
Princeton Wtr Wks
Doylestown
Long Branch 2 S
Hightstown 1 N
Freehold
Graterford 1 E
Trenton WB City
George School
Neshaminy Falls
Belmar 2 SW
Phoenixville 1 E
Norristown
Conshohocken
Devault 1 W
Burlington
Moorestown
Lumberton
Pemberton 3 E
Toms River
Philadelphia WB AP
Audubon
Marlton 1 W
Marcus Hook
Chatsworth
Indian Mills 2 W
Wilmington Porter Res
Glassboro
Wilmington NCastle WB AP
Woodstown
Hammonton 2 NNE
Bass River St Forest
Tuckerton
Centerton
Canton
Shiloh
Seabrook Farms
Atlantic City WB AP
Mays Landing 1 W
Millville
Atlantic City
Millville FAA Airport
Belleplain St Forest
Fortescue
Dover
Milford 2 WSW
Cape May 1 NW
STATION LEGEND
○ ● ◑ Precipitation only
⊕ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
-○- -●- -◑- Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording;
● Recording ◑ Both types
G Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
USCOMM-ESSA-Asheville, N.C.
Revised 3-69

551.05
UNNJ

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
ANNUAL SUMMARY 1970
Volume 75 No. 13

Table 1

## AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

| Station | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | | Annual | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 19.1 | -10.8 | 28.2 | -3.1 | 34.5 | -4.8 | 47.6 | -3.5 | 60.0 | -2.2 | 65.2 | -5.4 | 71.6 | -3.5 | 70.6 | -2.3 | 64.5 | -1.5 | 53.9 | -1.0 | 44.2 | 1.4 | 30.0 | -1.9 | 49.1 | -3.2 |
| BOONTON 1 SE | 20.5 | -8.4 | 28.1 | -1.4 | 35.5 | -1.8 | 48.1 | -.9 | 60.1 | 1.0 | 66.8 | -1.1 | 73.3 | .5 | 72.6 | 1.8 | 66.1M | 2.6 | 55.0 | 1.7 | 43.8M | 1.3 | 32.1 | .6 | 50.2M | -.3 |
| CANOE BROOK | 20.4 | -8.6 | 28.7 | -.9 | 34.6 | -3.0 | 47.4 | -1.3 | 59.8 | .9 | 67.0 | -1.0 | 73.4 | .4 | 73.2 | 2.1 | 66.9 | 2.7 | 54.3 | .6 | 43.6 | .6 | 31.4 | .2 | 50.1 | -.6 |
| CHARLOTTEBURG | 18.9 | -9.7 | 25.9 | -3.2 | 31.7 | -4.9 | 45.8 | -2.2 | 58.4 | .0 | 64.1 | -2.4 | 70.7 | -.2 | 70.0 | .8 | 63.5 | 1.1 | 51.8 | -.5 | 41.8 | -.2 | 29.1 | -1.7 | 47.6 | -2.0 |
| CRANFORD | 24.4 | | 33.2 | | 38.1 | | 50.9 | | 63.1 | | 69.9 | | 75.6 | | 75.0 | | 69.0 | | 57.5 | | 47.2 | | 34.2 | | 53.2 | |
| ELIZABETH | 25.4 | -7.4 | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | |
| ESSEX FELLS SERV BLDG | 21.5 | | 29.7 | | 34.9 | | 48.0 | | 59.9 | | 67.2 | | 73.5 | | 72.8 | | 66.9 | | 54.8 | | 44.9 | | 30.9 | | 50.4 | |
| FLEMINGTON 1 NE | 19.0 | -12.5 | 28.5 | -3.8 | 34.6M | -5.5 | 47.7 | -3.5 | 60.1 | -1.7 | 66.2 | -4.4 | 73.9 | -1.5 | 72.2 | -1.2 | 65.9 | -.7 | 54.4 | -1.4 | 44.0 | -.3 | 31.3 | -2.0 | 49.8M | -3.2 |
| HIGH POINT PARK | 16.7 | | 24.6 | | 31.3 | | 45.5 | | 58.4 | | 64.5 | | M | | 68.9 | | 62.0 | | 51.0 | | 39.9 | | - | | - | |
| JERSEY CITY | 25.1 | -7.4 | 32.2 | -.5 | 38.1 | -1.7 | 50.5 | .0 | 62.7 | 1.5 | 70.0 | -.1 | 75.7 | .4 | 76.5 | 2.7 | 69.5 | 2.6 | 58.1 | 1.4 | 47.9 | 2.2 | 34.6 | -.2 | 53.4 | .1 |
| LAMBERTVILLE | 23.6 | -8.1 | 32.8 | .3 | 37.5 | -2.3 | 50.3 | -.8 | 63.6 | 2.0 | 69.9 | -.2 | 75.9 | 1.1 | 75.1 | 2.1 | 69.6 | 3.4 | 58.4 | 2.9 | 46.7 | 2.3 | 34.3 | .6 | 53.1 | .2 |
| LAYTON 2 | 15.7 | | 25.2M | | 32.1 | | 45.9 | | M | | - | | - | | - | | - | | - | | - | | - | | - | |
| LITTLE FALLS | 23.0 | -8.1 | 31.8 | .1 | 36.6 | -2.7 | 49.4 | -1.3 | 61.5 | .3 | 69.1 | -.6 | 75.3 | .5 | 74.7 | 1.9 | 67.7 | 1.9 | 56.0 | .6 | 45.9 | 1.3 | 33.2 | -.4 | 52.0 | -.6 |
| LONG VALLEY | 19.7 | | 28.4 | | 32.6 | | 46.1 | | 58.4 | | 63.9 | | 70.5 | | 69.1 | | 63.4 | | 52.0 | | 43.7 | | 30.1 | | 48.2 | |
| MORRIS PLAINS 1 W | 20.3 | | 28.0 | | 34.6 | | 47.7 | | 60.1 | | 66.6 | | 73.4 | | 72.7 | | 65.8 | | 54.5 | | 43.7 | | 31.0 | | 49.9 | |
| NEWARK WSO | 24.2 | -8.1 | 33.0 | .3 | 39.0 | -1.5 | 51.9 | .6 | 64.6 | 2.6 | 70.9 | -.4 | 77.2 | .9 | 77.3 | 2.9 | 70.6 | 3.3 | 59.5 | 2.9 | 49.1 | 3.7 | 35.3 | .6 | 54.4 | .7 |
| NEWTON | 17.6 | -9.9 | 26.5 | -1.6 | 32.9 | -3.5 | 47.1 | -1.2 | 59.5 | .5 | 65.3 | -2.1 | 71.8 | -.4 | M | | 63.3 | .3 | 52.3 | -.2 | 42.4 | 1.2 | 28.8 | -.9 | - | |
| PATERSON | 23.1 | -8.5 | 32.0 | -.1 | 37.3 | -2.2 | 50.2 | -.9 | 62.6 | .7 | 70.2M | -.5 | 77.5M | 1.8 | 76.7M | 3.1 | 69.3 | 2.9 | 58.0 | 1.9 | 47.1 | 2.0 | 33.5 | -.6 | 53.1M | -.1 |
| PHILLIPSBURG | 20.6 | -9.9 | 29.1 | -2.3 | 35.5 | -3.7 | 48.9 | -1.8 | 61.6 | .2 | 67.0 | -3.0 | 74.2 | -.1 | 72.7 | .3 | 67.0 | 1.5 | 55.9M | 1.4 | 44.9 | 1.5 | 32.3 | -.4 | 50.8M | -1.4 |
| PLAINFIELD | 23.6 | -8.3 | 32.0 | -.5 | 37.2 | -2.7 | 50.1 | -.8 | 63.2 | 2.0 | 69.6 | -.3 | 75.5 | .6 | 75.1 | 2.0 | 68.6 | 2.4 | 57.2 | 1.3 | 46.3 | 1.5 | 33.0 | -1.0 | 52.6 | -.3 |
| SOMERVILLE 3 NW | - | | M | | 35.4 | -4.1 | 48.7 | -1.9 | 60.6 | -.5 | 66.8 | -3.0 | 73.8 | -.8 | 72.5 | -.3 | 66.2 | .2 | 54.7 | -.6 | 44.4 | .5 | 31.5 | -1.6 | - | |
| SUSSEX 1 SE | 14.2 | -13.5 | 23.9 | -5.0 | 30.6 | -6.4 | 44.4 | -4.7 | 57.8M | -2.1 | 63.3 | -5.2 | 69.9 | -3.0 | 68.8 | -2.0 | 61.5 | -2.0 | 50.8 | -2.4 | 40.7 | -1.3 | 26.3 | -4.0 | 46.0M | -4.3 |
| DIVISION | 20.8 | -9.4 | 29.1 | -1.8 | 35.0 | -3.6 | 48.2 | -1.8 | 60.8 | .3 | 67.2 | -2.0 | 73.8 | -.2 | 73.0 | .9 | 66.4 | 1.4 | 55.0 | .5 | 44.6 | 1.1 | 31.7 | -.7 | 50.5 | -1.2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 26.9 | -7.9 | 33.8 | -.9 | 38.2 | -2.9 | 49.6 | -1.4 | 61.5 | .2 | 68.9 | -1.1 | 73.7 | -1.4 | 73.9 | .2 | 69.4 | 2.2 | 58.2 | 1.0 | 47.6 | .9 | 36.5 | -.1 | 53.2 | -.9 |
| AUDUBON | 26.4 | | 35.0 | | 39.6 | | 52.4 | | 65.0 | | 71.4 | | 77.0 | | 76.7 | | 71.8 | | 60.2 | | 49.0 | | 36.4 | | 55.1 | |
| BELLEPLAIN ST FOREST | 26.0M | | 35.8 | | 39.4 | | 51.7 | | 63.4 | | 70.3 | | 74.8M | | 75.2 | | 71.4 | | 59.1 | | 48.5 | | 37.3 | | 54.4M | |
| BURLINGTON | 28.3 | -5.9 | 34.8 | -.1 | M | | 52.8M | -.5 | 66.3M | 2.1 | 71.1M | -1.7 | 76.9M | -.3 | M | | 72.1M | 3.3 | - | | 48.0M | 1.4 | 35.3M | -.7 | - | |
| CHATSWORTH | 24.9 | | 33.5M | | 37.6M | | 50.0M | | 63.5 | | 70.4 | | 74.6M | | 74.6M | | 70.5M | | 57.2M | | 47.3M | | 37.1M | | 53.4M | |
| FREEHOLD | 22.5 | -10.2 | 31.3 | -1.7 | 36.2 | -3.8 | 48.7 | -2.1 | 60.6 | -1.0 | 68.2 | -2.0 | 73.7 | -1.2 | 74.0 | .9 | 68.3 | 1.8 | 56.2 | .1 | 46.2 | .7 | 38.5M | 3.8 | 52.0M | -1.3 |
| GLASSBORO | 24.6 | | 33.5 | | 38.5 | | 49.7 | | 62.7 | | 69.9 | | 75.9 | | 76.1 | | 71.3 | | 57.8 | | 47.8 | | 36.1 | | 53.7 | |
| HAMMONTON 2 NNE | 25.3 | -8.9 | 34.4 | -.1 | 38.5 | -3.4 | 50.6 | -1.7 | 62.9 | .2 | 70.3 | -1.3 | 75.2 | -.9 | 75.4 | 1.2 | 71.0M | 3.3 | 57.2M | .0 | 47.1 | .4 | 35.4 | -1.7 | 53.6M | -1.1 |
| HIGHTSTOWN 1 N | 23.9 | -8.5 | 33.3 | .4 | 37.3 | -2.9 | 50.0 | -.9 | 62.5 | 1.1 | 69.4 | -.5 | 75.1 | .3 | 74.6 | 1.7 | 68.9 | 2.7 | 57.3 | 1.4 | 46.8 | 1.6 | 34.0 | -.3 | 52.8 | -.3 |
| INDIAN MILLS 2 W | 24.7 | -8.6 | 33.5 | -.3 | 37.2 | -3.5 | 49.7 | -1.7 | 62.7 | .7 | 69.4 | -.8 | 74.4 | -.3 | 74.1 | 1.2 | 69.0 | 2.7 | 57.5 | 1.6 | 46.9 | 1.7 | 34.9 | .1 | 52.8 | -.6 |
| MILLVILLE | 25.5 | | 33.8M | | M | | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | |
| MILLVILLE FAA AIRPORT | 25.6 | | 33.4 | | 38.0 | | 51.0 | | 63.1 | | 70.1 | | 75.1 | | 75.7 | | 70.7 | | 59.2 | | 47.6 | | 36.1 | | 53.8 | |
| MOORESTOWN | 25.5M | -7.5 | 34.5M | 1.1 | 38.9 | -1.8 | 52.0M | .6 | 64.8 | 3.1 | 70.1 | -.1 | 74.8M | -.3 | 75.0M | 1.9 | 69.9 | 3.5 | 58.2 | 2.3 | 47.2 | 2.2 | 34.7 | -.1 | 53.8M | .4 |
| NEW BRUNSWICK | 22.7 | -9.6 | 31.7 | -1.1 | 36.4 | -3.8 | 49.6 | -1.5 | 61.2 | -.4 | 68.5 | -1.6 | 74.8 | -.2 | 74.7 | 1.5 | 68.0 | 1.5 | 56.5 | .4 | 46.3 | 1.0 | 33.5 | -.7 | 52.0 | -1.2 |
| PEMBERTON 3 E | 24.1 | -9.8 | 33.9 | -.4 | 37.4 | -4.2 | 50.0 | -2.3 | 63.1 | .4 | 69.8 | -1.2 | 74.8 | -.7 | 74.8 | 1.0 | 69.8 | 2.4 | 58.2 | 1.4 | 48.2 | 1.9 | 35.5 | -.1 | 53.3 | -1.0 |
| SEABROOK FARMS | 24.6 | | 33.6M | | 38.2 | | 50.2 | | 63.0 | | 70.8 | | 75.7 | | 75.9 | | 71.9 | | 58.8 | | 48.2 | | 36.2 | | 53.9M | |
| SHILOH | 26.6 | -7.7 | 34.6 | -.3 | 38.6 | -3.6 | 51.3 | -1.4 | 64.2 | 1.2 | 71.6 | -.1 | 75.5 | -.9 | 76.1 | 1.5 | 72.8 | 4.8 | 60.7M | 3.4 | 48.6 | 2.3 | 37.2 | 1.1 | 54.8M | .0 |
| TOMS RIVER | 23.9 | | 33.2 | | 37.0 | | 48.6 | | 60.6 | | 68.9 | | 74.1 | | 74.1 | | 69.2 | | 56.5 | | 47.2 | | 34.9 | | 52.4 | |
| TRENTON WSO | 25.5 | -7.6 | 33.0 | -.4 | 37.8 | -2.9 | 51.1 | -.6 | 63.6 | 1.3 | 70.3 | -.7 | 76.4 | .4 | 76.3 | 2.4 | 70.4 | 3.3 | 58.7 | 1.9 | 48.1 | 2.3 | 35.5 | .3 | 53.9 | .0 |
| TUCKERTON | 25.7 | | 33.9 | | 38.0 | | 49.0 | | 61.7 | | 68.8 | | 73.4 | | 75.3 | | 70.3 | | 58.4 | | 47.9 | | 36.5 | | 53.2 | |
| WOODSTOWN | 26.2 | | 34.3 | | 38.8 | | 51.4 | | 64.3M | | 70.9 | | 75.0 | | 74.9 | | 70.8 | | 59.0 | | 47.6 | | 36.0M | | 54.1M | |
| DIVISION | 25.2 | -8.2 | 33.8 | .1 | 38.0 | -2.9 | 50.5 | -.9 | 63.0 | .9 | 70.0 | -.7 | 75.0 | -.4 | 75.1 | 1.5 | 70.4 | 3.4 | 58.2 | 1.7 | 47.6 | 1.9 | 35.9 | .6 | 53.6 | -.2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | 29.5 | -6.5 | 36.7 | 1.0 | 41.0 | -.1 | 51.1 | 1.2 | 61.4 | 1.9 | 69.3 | .3 | 72.5 | -1.7 | 74.9 | 1.2 | 68.3 | -.1 | 58.5 | -.2 | 48.3 | .0 | 38.2 | -.1 | 54.1 | -.3 |
| CAPE MAY 1 NW | 27.4 | | 34.8 | | 38.7 | | 49.7 | | 60.8 | | 68.7 | | 72.8 | | 75.3 | | 71.1M | | 59.9 | | 50.0 | | 38.8 | | 54.0M | |
| LONG BRANCH 2 S | 25.3 | -7.7 | 33.9 | .9 | 37.5 | -2.3 | 49.1 | -.5 | 60.3 | .5 | 68.8 | -.3 | 74.0 | -.4 | 74.9 | 2.1 | 69.5 | 3.3 | 58.2 | 2.0 | 47.8 | 2.1 | 35.7 | .4 | 52.9 | .0 |
| SANDY HOOK | 26.1 | | 32.7M | | 37.5M | | 48.7M | | 59.9M | | 68.3 | | 74.5M | | 76.2 | | 69.9M | | 58.2 | | 48.6M | | 34.7M | | 52.9M | |
| DIVISION | 27.1 | -7.4 | 34.5 | .2 | 38.7 | -1.8 | 49.7 | -.3 | 60.6 | .6 | 68.8 | -.6 | 73.5 | -1.1 | 75.3 | 1.7 | 69.7 | 1.9 | 58.7 | .7 | 48.7 | 1.3 | 36.9 | -.1 | 53.5 | -.4 |

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

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A SPECIAL WEATHER SUMMARY DESCRIBING UNUSUAL WEATHER WAS PUBLISHED IN THE JANUARY, SEPTEMBER, NOVEMBER, AND DECEMBER 1970 ISSUES OF THIS BULLETIN.

TABLE 2

# TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

NEW JERSEY
1970

| STATION | JANUARY | | FEBRUARY | | MARCH | | APRIL | | MAY | | JUNE | | JULY | | AUGUST | | SEPTEMBER | | OCTOBER | | NOVEMBER | | DECEMBER | | ANNUAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | .55 | -3.08 | 2.50 | -.62 | 3.47 | -.61 | 4.21 | .07 | 3.24 | -.79 | 3.25 | -1.19 | 3.31 | -1.99 | 3.42 | -1.57 | 2.32 | -1.55 | 5.90 | 2.48 | 5.20 | 1.34 | 2.67 | -.99 | 40.04 | -8.50 |
| BERNARDSVILLE 2 E | .63 | | 4.06 | | 3.80 | | 4.42 | | 2.41 | | 3.06 | | 2.97 | | 4.38 | | 2.15 | | 4.25 | | 6.14 | | 3.57 | | 41.84 | |
| BLACKWELLS MILLS | .63 | | 2.17 | | 3.97 | | 4.64 | | 3.18 | | 5.10 | | 4.36 | | 4.24 | | 2.91 | | 3.44 | | 5.35 | | 2.22 | | 42.21 | |
| BOONTON 1 SE | .41 | -2.83 | 3.62 | .89 | 3.37 | -.49 | 3.82 | -.04 | 2.91 | -1.25 | 2.39 | -1.50 | 2.83 | -1.41 | 4.50 | -.43 | 1.29 | -3.06 | 4.03 | .63 | 6.74 | 2.72 | 2.52 | -.90 | 38.43 | -7.67 |
| BOUND BROOK 2 W | .37 | | 2.39 | | 3.81 | | 4.00 | | 3.85 | | 1.81 | | 4.79 | | 3.99 | | 2.43 | | 3.26 | | 4.97 | | 2.59 | | 38.26 | |
| BRANCHVILLE | .65 | | 2.32 | | 2.85 | | 4.77 | | 2.93 | | 2.00 | | 3.41 | | 4.60 | | 2.73 | | 4.57 | | 4.78 | | 2.25 | | 37.86 | |
| CANISTEAR RESERVOIR | .90 | | 4.48 | | 2.91 | | 4.52 | | 2.79 | | 4.42 | | 1.57 | | 6.00 | | 2.66 | | 5.94 | | 5.85 | | 2.64 | | 44.68 | |
| CANOE BROOK | .50 | -3.16 | 3.92 | .96 | 4.25 | -.05 | 3.71 | -.31 | 2.56 | -1.59 | 2.41 | -1.62 | 2.37 | -2.18 | 4.58 | -.65 | 2.03 | -2.29 | 3.06 | -.35 | 6.28 | 2.18 | 3.09 | -.56 | 38.76 | -9.62 |
| CHARLOTTEBURG | .66 | -3.01 | 5.15 | 1.98 | 3.71 | -.76 | 4.13 | -.08 | 3.19 | -.96 | 3.72 | -.52 | 3.69 | -1.04 | 4.94 | -.02 | 2.94 | -1.47 | 9.02 | 5.18 | 7.21 | 2.72 | 3.07 | -1.05 | 51.43 | .97 |
| CRANFORD | .56 | | 2.73 | | 3.67 | | 4.88 | | 4.29 | | 2.66 | | 6.31 | | 5.16 | | 2.23 | | 3.34 | | 6.73 | | 2.67 | | 45.23 | |
| ELIZABETH | E .53 | -3.44 | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | |
| ESSEX FELLS SERV BLDG | E .74 | | 4.21 | | 2.64 | | 3.31 | | 2.48 | | 2.05 | | 3.65 | | 3.70 | | 1.66 | | 3.59 | | 5.79 | | 2.21 | | E 36.03 | |
| FLEMINGTON 1 NE | 1.00 | -2.32 | 3.15 | .37 | 3.22 | -.77 | 4.70 | .90 | 3.05 | -.96 | 3.22 | -.58 | 5.48 | .96 | 4.46 | -.56 | 2.24 | -1.35 | 4.80 | 1.48 | 5.05 | 1.31 | 3.26 | -.16 | 43.63 | -1.68 |
| GREENWOOD LAKE | .84 | | 5.18 | | 3.60 | | 4.68 | | 2.63 | | 3.22 | | 4.70 | | 4.56 | | 3.25 | | 7.28 | | 7.03 | | 3.05 | | 50.02 | |
| HIGH POINT PARK | .66 | | 2.86 | | E 4.37 | | 4.01 | | 3.85 | | 1.94 | | 1.40 | | 4.53 | | 3.59 | | 4.75 | | 6.30 | | E 2.30 | | E 40.56 | |
| JERSEY CITY | 2.82 | -.55 | 3.13 | .23 | 2.35 | -1.68 | 1.49 | -2.10 | 2.40 | -1.35 | 2.26 | -1.19 | 2.67 | -1.50 | 2.45 | -2.17 | 1.76 | -2.05 | .94 | -2.24 | 3.37 | -.05 | 2.24 | -1.05 | 27.88 | -15.70 |
| LAMBERTVILLE | .50 | -2.84 | 2.59 | -.13 | 3.68 | -.38 | 5.29 | 1.65 | 3.95 | -.13 | 4.77 | .93 | 4.23 | -.28 | 4.28 | -.86 | 2.51 | -.78 | 5.07 | 2.07 | 5.39 | 1.68 | 2.93 | -.45 | 45.19 | .48 |
| LAYTON 2 | .91 | | 3.00 | | 3.25 | | 4.54 | | 3.27 | | - | | - | | - | | - | | - | | - | | - | | - | |
| LITTLE FALLS | .59 | -3.06 | 4.65 | 1.58 | 3.78 | -.52 | 3.38 | -.88 | 3.08 | -1.25 | 1.84 | -2.41 | 2.44 | -2.10 | 5.48 | .39 | 1.49 | -3.06 | 4.03 | .33 | 5.80 | 1.52 | 2.44 | -1.46 | 39.00 | -10.92 |
| LONG VALLEY | .67 | -2.87 | 3.83 | .81 | 3.78 | -.50 | 5.26 | 1.29 | 3.09 | -1.08 | 3.35 | -.78 | 3.69 | -1.51 | 5.90 | .84 | 2.09 | -1.83 | 7.61 | 4.04 | 6.13 | 1.88 | 2.58 | -1.21 | 47.98 | -.92 |
| MAHWAH* | .65 | | 4.13 | | 2.26 | | 4.47 | | 3.87 | | 2.61 | | 1.96 | | 4.06 | | 2.65 | | 4.74 | | 6.14 | | 2.71 | | 40.25 | |
| MIDLAND PARK | .41 | | 4.31 | | 2.35 | | 2.63 | | 3.34 | | 2.99 | | 4.30 | | 3.97 | | 2.26 | | 3.73 | | 6.62 | | 2.59 | | 39.50 | |
| MILTON | 1.58 | | 4.76 | | 3.98 | | 4.52 | | 2.58 | | 3.81 | | 3.20 | | 4.47 | | E 3.04 | | 8.27 | | 6.31 | | 3.26 | | E 49.78 | |
| MORRIS PLAINS 1 W | .59 | | 4.11 | | 3.48 | | 4.31 | | 3.54 | | 3.27 | | 2.21 | | 3.80 | | 1.23 | | 4.28 | | 6.47 | | 3.55 | | 40.84 | |
| NEWARK WSO R | .87 | -2.46 | 3.29 | .49 | 3.42 | -.67 | 3.52 | .01 | 2.64 | -1.01 | 2.41 | -1.03 | 3.68 | .01 | 3.91 | -.52 | 1.83 | -1.93 | 2.36 | -.75 | 4.41 | 1.04 | 2.05 | -1.17 | 34.39 | -7.99 |
| NEW MILFORD | .51 | -2.93 | 4.11 | 1.30 | 3.40 | -.59 | 2.84 | -1.00 | 1.60 | -2.25 | .95 | -2.81 | 2.50 | -1.88 | 2.36 | -2.09 | 1.31 | -2.44 | 2.45 | -.74 | 4.86 | 1.20 | 2.53 | -.93 | 29.42 | -15.16 |
| NEWTON | .66 | -2.38 | 2.70 | .13 | 2.98 | -.47 | 4.70 | .87 | 2.68 | -1.27 | 2.91 | -1.39 | 2.94 | -1.93 | 3.17 | -1.37 | 3.20 | -.79 | 5.33 | 1.91 | 4.70 | 1.07 | 2.14 | -1.06 | 38.11 | -6.68 |
| OAK RIDGE RESERVOIR | 1.11 | | 4.35 | | E 3.61 | | 4.47 | | 3.15 | | 3.37 | | 3.30 | | 5.81 | | 3.52 | | 7.23 | | 5.89 | | 3.11 | | E 48.92 | |
| PATERSON | 1.14 | -2.46 | 4.92 | 1.77 | 4.40 | -.05 | 3.74 | -.33 | 2.41 | -1.89 | 1.25 | -2.96 | 3.80 | -.83 | 5.05 | .18 | 1.84 | -2.37 | 3.44 | -.03 | 6.59 | 2.55 | 2.75 | -1.08 | 41.33 | -7.50 |
| PHILLIPSBURG | .89 | -2.79 | 2.26 | -.80 | 3.77 | -.32 | 3.59 | -.48 | 4.44 | .29 | 2.11 | -2.15 | 3.97 | -1.32 | 4.73 | -.31 | 2.76 | -1.24 | 7.39 | 3.97 | 5.64 | 1.97 | 3.99 | .35 | 45.54 | -2.83 |
| PLAINFIELD | .82 | -2.79 | 2.96 | -.06 | 4.28 | -.03 | 3.97 | .10 | 4.94 | .80 | 3.10 | -1.23 | 4.31 | -.30 | 4.89 | -.30 | 1.83 | -2.50 | 3.48 | .02 | 5.17 | 1.34 | 2.86 | -.73 | 42.61 | -5.68 |
| POTTERSVILLE 2 NNW | .61 | | 3.78 | | 3.97 | | 5.57 | | 2.97 | | 2.68 | | 2.06 | | 6.09 | | 2.15 | | 5.60 | | 5.70 | | 2.70 | | 43.88 | |
| RAHWAY | .41 | | 2.69 | | 3.58 | | 3.19 | | 3.93 | | 3.03 | | 5.72 | | 2.48 | | 3.58 | | 2.03 | | 4.65 | | 2.40 | | 37.69 | |
| RINGWOOD | .58 | | 4.66 | | 3.47 | | 3.64 | | 2.23 | | 1.96 | | 3.21 | | 2.96 | | 3.12 | | 6.57 | | 5.18 | | 3.10 | | 40.68 | |
| SOMERVILLE 3 NW | E .61 | -2.66 | E 3.50 | .75 | 3.75 | -.22 | 4.09 | .44 | 4.37 | .56 | 1.89 | -1.99 | 3.03 | -1.71 | 5.81 | .80 | 2.50 | -1.27 | 4.34 | .99 | 4.89 | 1.23 | 2.76 | -.57 | E 41.54 | -3.65 |
| SPLIT ROCK POND | .51 | | 4.69 | | 3.66 | | 4.72 | | 4.30 | | 2.71 | | 4.37 | | 4.03 | | E 2.40 | | 7.03 | | 6.28 | | 2.48 | | E 47.18 | |
| SUSSEX 1 SE | .99 | -2.38 | 3.78 | 1.06 | 3.62 | .22 | 4.80 | .85 | 2.73 | -1.04 | 3.27 | -.82 | 3.08 | -1.99 | 4.20 | -.84 | 4.47 | .55 | 4.08 | .80 | 5.18 | 1.37 | 2.35 | -1.01 | 42.55 | -3.23 |
| WANAQUE RAYMOND DAM | .46 | | 4.09 | | 2.99 | | 4.17 | | 3.33 | | 2.78 | | 3.02 | | 3.08 | | E 3.01 | | 4.93 | | 6.14 | | 2.68 | | E 40.68 | |
| WERTSVILLE | .53 | | 2.74 | | 3.64 | | 4.30 | | 3.04 | | 4.59 | | 5.32 | | 4.83 | | 1.88 | | 5.50 | | 5.16 | | 2.84 | | 44.37 | |
| WEST WHARTON | .60 | | 4.55 | | 3.59 | | 4.18 | | 4.62 | | 2.54 | | 2.57 | | 4.76 | | 2.06 | | 6.84 | | 6.44 | | 2.93 | | 45.68 | |
| WOODCLIFF LAKE | .50 | -3.07 | 3.87 | .98 | 3.51 | -.62 | 3.12 | -.86 | 2.53 | -1.42 | 2.61 | -.91 | 2.72 | -1.72 | 3.24 | -1.47 | 1.89 | -2.04 | 3.06 | -.22 | 5.27 | 1.40 | 2.63 | -.96 | 34.95 | -10.91 |
| DIVISION | .80 | -2.67 | 3.47 | .55 | 3.58 | -.52 | 4.07 | .16 | 3.29 | -.78 | 2.70 | -1.31 | 3.45 | -1.20 | 4.45 | -.46 | 2.29 | -1.77 | 4.54 | 1.12 | 5.65 | 1.77 | 2.72 | -.84 | 41.01 | -5.95 |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 1.50 | -2.06 | 3.08 | -.05 | 3.11 | -.80 | 4.66 | 1.25 | 1.81 | -1.70 | 6.36 | 3.53 | 2.83 | -.89 | 2.70 | -2.20 | .41 | -2.90 | 3.73 | .53 | 5.73 | 2.07 | 3.04 | -.18 | 38.96 | -3.40 |
| AUDUBON | 1.03 | | 2.31 | | 4.64 | | 6.84 | | 3.90 | | 4.30 | | 2.01 | | 6.28 | | .81 | | 3.54 | | 5.56 | | 2.87 | | 44.09 | |
| BASS RIVER ST FOREST | 1.32 | | 3.10 | | 4.34 | | 8.26 | | 1.93 | | 5.37 | | 5.66 | | 3.32 | | .54 | | 3.13 | | 6.04 | | E 2.56 | | E 45.57 | |
| BELLEPLAIN ST FOREST | 1.35 | -2.12 | 2.85 | -.33 | 3.81 | -.61 | 5.48 | 2.01 | 2.09 | -1.74 | 4.59 | 1.20 | 3.57 | -1.27 | 1.07 | -4.68 | 1.04 | -2.82 | 5.94 | 2.25 | 4.09 | .06 | 3.11 | -.54 | 38.99 | -8.59 |
| BURLINGTON | 1.21 | -2.06 | E 2.18 | -.72 | E 3.52 | -.82 | 5.56 | 2.12 | E 3.79 | .03 | 1.72 | -1.93 | 1.92 | -2.32 | 2.12 | -2.72 | .46 | -3.19 | 2.22 | -1.13 | 4.68 | 1.02 | 2.86 | -.20 | E 32.24 | -11.92 |
| CANTON | 1.59 | | 1.62 | | 3.39 | | 4.95 | | 1.51 | | 5.39 | | 1.41 | | .77 | | .72 | | 3.62 | | 4.05 | | 2.75 | | 31.77 | |
| CHATSWORTH | 1.02 | | 2.92 | | 3.94 | | 7.44 | | 1.69 | | 4.16 | | 6.67 | | 2.39 | | 1.47 | | 2.05 | | 5.06 | | 1.48 | | 40.29 | |
| FORTESCUE | .90 | | 2.05 | | 3.40 | | 4.70 | | 1.77 | | 4.19 | | 2.63 | | .82 | | .65 | | 4.10 | | 4.07 | | 2.31 | | 31.59 | |
| FREEHOLD | .90 | -2.68 | 3.66 | .52 | 4.47 | .23 | 5.10 | 1.52 | 1.87 | -2.16 | 3.89 | .21 | 2.05 | -2.19 | 4.83 | .07 | 1.56 | -2.22 | 1.01 | -2.58 | 6.32 | 2.36 | 3.54 | .09 | 39.20 | -6.83 |
| GLASSBORO | 1.25 | | 1.81 | | 3.18 | | 5.67 | | 3.35 | | 5.23 | | 5.59 | | .61 | | 1.09 | | 4.56 | | 5.51 | | 2.87 | | 40.72 | |
| HAMMONTON 2 NNE | .77 | -2.80 | 2.48 | -.77 | 3.60 | -.66 | 6.99 | 3.39 | 2.06 | -1.86 | 3.15 | -.80 | 5.61 | 1.05 | 1.98 | -3.66 | 1.14 | -2.63 | 3.27 | -.42 | 5.08 | 1.34 | 2.16 | -1.57 | 38.29 | -9.39 |
| HIGHTSTOWN 1 N | .89 | -2.33 | 2.77 | .04 | 4.12 | .30 | 4.80 | 1.42 | 1.98 | -1.74 | 4.03 | .20 | 1.97 | -2.49 | 2.54 | -1.98 | 1.68 | -2.31 | 1.65 | -1.67 | 5.46 | 2.07 | 3.08 | .05 | 34.97 | -8.44 |
| INDIAN MILLS 2 W | 1.08 | -2.54 | 2.91 | -.20 | 4.08 | -.20 | 7.01 | 3.59 | 1.51 | -2.37 | 3.59 | -.31 | 3.19 | -1.08 | 1.23 | -4.23 | .84 | -2.76 | 2.49 | -.92 | 6.05 | 2.34 | 3.27 | .04 | 37.25 | -8.64 |
| MAYS LANDING 1 W | 1.37 | | 2.93 | | 4.30 | | 8.69 | | 2.65 | | 6.03 | | 5.12 | | 1.84 | | .63 | | 3.77 | | 5.24 | | 3.00 | | 45.57 | |
| MILLVILLE | .95 | | 2.54 | | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | |
| MILLVILLE FAA AIRPORT | .74 | | 2.83 | | 4.46 | | 7.36 | | 1.94 | | 5.45 | | 3.95 | | 1.12 | | 1.19 | | 4.98 | | 4.84 | | 3.55 | | 42.41 | |
| MOORESTOWN | .69 | -2.43 | 2.26 | -.47 | E 4.34 | .53 | 5.42 | 1.98 | 4.65 | .58 | 3.74 | .18 | 5.32 | 1.15 | 6.72 | 1.97 | .40 | -3.35 | 3.27 | .21 | 5.53 | 1.92 | 3.08 | .17 | E 45.42 | 2.44 |
| NEW BRUNSWICK | .90 | -2.44 | 2.54 | -.23 | 4.10 | .35 | 5.23 | 1.75 | 2.12 | -1.63 | 4.28 | .65 | 3.48 | -1.05 | 3.00 | -1.70 | 3.71 | -.35 | 2.86 | -.30 | 5.89 | 2.25 | 2.81 | -.36 | 40.92 | -3.06 |
| PEMBERTON 3 E | 1.12 | -2.18 | 2.61 | -.27 | 4.30 | .45 | 6.06 | 2.61 | 2.54 | -1.22 | 5.60 | 1.90 | 3.33 | -1.32 | 2.85 | -2.20 | 1.44 | -2.33 | 1.96 | -1.31 | 4.88 | 1.37 | 3.05 | -.03 | 39.74 | -4.53 |
| PRINCETON WATER WORKS | E .61 | | 2.77 | | 4.99 | | 4.73 | | 3.82 | | 5.37 | | 2.18 | | 3.20 | | 1.59 | | 3.57 | | 6.33 | | 2.47 | | E 41.63 | |
| SEABROOK FARMS | .82 | | 2.24 | | 3.98 | | 6.24 | | 1.58 | | 4.88 | | 2.17 | | 1.04 | | .71 | | 5.79 | | 5.59 | | 3.13 | | 38.17 | |
| SHILOH | .98 | -2.50 | 1.90 | -.99 | 2.87 | -.89 | 5.14 | 2.03 | 2.18 | -1.78 | 5.01 | 1.60 | 2.19 | -2.10 | 1.07 | -3.88 | 1.12 | -2.82 | 4.06 | .90 | 4.67 | .94 | 2.28 | -.78 | 33.47 | -10.27 |
| TOMS RIVER | 1.03 | | 3.25 | | 4.81 | | 7.44 | | 2.56 | | 4.44 | | 2.79 | | 3.07 | | 2.78 | | 3.63 | | 4.85 | | 3.61 | | 44.26 | |
| TRENTON WSO R | .91 | -2.19 | 2.61 | .02 | 3.60 | -.24 | 4.35 | 1.14 | 3.02 | -.60 | 3.87 | .27 | 1.67 | -2.51 | 2.87 | -1.90 | .79 | -2.71 | 2.71 | -.13 | 4.70 | 1.54 | 2.73 | -.14 | 33.83 | -7.45 |
| TUCKERTON | 1.30 | | 2.87 | | 3.96 | | 8.64 | | 2.15 | | 5.54 | | 1.76 | | 2.24 | | .37 | | 2.83 | | 5.51 | | 2.95 | | 40.12 | |
| WOODSTOWN | .74 | | 2.06 | | 3.63 | | 5.00 | | 1.89 | | 4.60 | | 5.02 | | 3.19 | | .95 | | 4.28 | | 5.53 | | 3.08 | | 39.97 | |
| DIVISION | 1.01 | -2.44 | 2.60 | -.39 | 3.93 | -.16 | 6.02 | 2.57 | 2.43 | -1.35 | 4.42 | .80 | 3.35 | -1.02 | 2.65 | -2.41 | 1.20 | -2.59 | 3.34 | -.01 | 5.28 | 1.54 | 2.93 | -.33 | 39.16 | -5.79 |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 1.54 | -2.21 | 3.39 | .01 | 3.26 | -.75 | 4.77 | 1.39 | 2.46 | -.70 | 4.60 | 1.56 | 3.72 | -.14 | 1.24 | -3.90 | .47 | -2.93 | 3.35 | -.04 | 4.37 | .58 | 2.30 | -1.18 | 35.47 | -8.31 |
| CAPE MAY 1 NW | 2.07 | | 2.81 | | 4.07 | | 4.06 | | 2.54 | | 4.13 | | 1.56 | | 1.57 | | .63 | | 4.83 | | 5.70 | | 3.02 | | 36.99 | |
| LONG BRANCH 2 S | 1.43 | -2.35 | 3.70 | .16 | 5.12 | .75 | 5.08 | 1.45 | 1.80 | -1.69 | 3.73 | .32 | 2.16 | -2.09 | 6.44 | 1.19 | 1.63 | -2.29 | 1.92 | -1.79 | 5.10 | 1.29 | 3.21 | -.42 | 41.32 | -5.47 |
| SANDY HOOK | 1.09 | | E 3.23 | | E 4.62 | | 3.83 | | 1.33 | | 5.84 | | .54 | | 4.04 | | 2.20 | | .90 | | 5.03 | | 3.24 | | E 35.89 | |
| DIVISION | 1.53 | -1.99 | 3.28 | .16 | 4.27 | .34 | 4.44 | 1.12 | 2.03 | -1.23 | 4.58 | 1.51 | 2.00 | -1.88 | 3.32 | -1.62 | 1.23 | -2.44 | 2.75 | -.55 | 5.05 | 1.46 | 2.94 | -.40 | 37.42 | -5.52 |

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

See Reference Notes Following Station Index

Table 3

# TEMPERATURE EXTREMES AND FREEZE DATA

| Station | Highest | Date | Lowest | Date | Last spring minimum of | | | | | | | | | | First fall minimum of | | | | | | | | | | Number of days between dates | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 16° or below | | 20° or below | | 24° or below | | 28° or below | | 32° or below | | 32° or below | | 28° or below | | 24° or below | | 20° or below | | 16° or below | | 16° or below | 20° or below | 24° or below | 28° or below | 32° or below |
| | | | | | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 93 | 9-24 | - 6 | 1-23 | 3-31 | 14 | 4- 1 | 18 | 4-12 | 24 | 4-13 | 25 | 5- 7 | 32 | 10-17 | 31 | 10-28 | 28 | 11-18 | 24 | 11-24 | 17 | 12- 8 | 10 | 252 | 237 | 220 | 198 | 163 |
| BOONTON 1 SE | 94 | 7-28 | - 4 | 1-23 | 3-30 | 12 | 4- 1 | 20 | 4-12 | 22 | 4-12 | 22 | 4-16 | 32 | 10-18 | 28 | 10-18 | 28 | 11-24 | 20 | 11-24 | 20 | 12- 8 | 14 | 253 | 237 | 226 | 189 | 185 |
| CANOE BROOK | 95 | 9-24 | - 2 | 1-24+ | 3- 1 | 14 | 4- 1 | 19 | 4- 6 | 23 | 4-19 | 27 | 5- 7 | 32 | 10-17 | 31 | 10-18 | 27 | 11-24 | 18 | 11-24 | 18 | 12- 8 | 13 | 282 | 237 | 232 | 182 | 163 |
| CHARLOTTEBURG | 91 | 9-24 | - 8 | 1-23 | 3-31 | 12 | 4- 6 | 20 | 4-11 | 24 | 4-13 | 27 | 5- 7 | 32 | 10-17 | 31 | 10-20 | 27 | 11-24 | 17 | 11-24 | 17 | 12- 8 | 12 | 252 | 232 | 227 | 190 | 163 |
| CRANFORD | 95 | 9-23 | 1 | 1-23+ | 2-27 | 15 | 3-30 | 19 | 4- 6 | 24 | 4- 6 | 24 | 4-13 | 31 | 10-18 | 32 | 10-29 | 28 | 11-24 | 18 | 11-24 | 18 | 12- 8 | 14 | 284 | 239 | 232 | 206 | 188 |
| ELIZABETH | | - | 0 | 1-22 | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | - | - | - | - |
| ESSEX FELLS SERV BLDG | 95 | 9-24 | - 2 | 1-23+ | 3-30 | 12 | 4- 1 | 18 | 4- 6 | 24 | 5- 7 | 28 | 5- 7 | 28 | 10-17 | 32 | 10-20 | 27 | 11-17 | 24 | 11-24 | 16 | 11-24 | 16 | 239 | 237 | 225 | 166 | 163 |
| FLEMINGTON 1 NE | 95 | 7-29 | -10 | 1- 9 | 3-30 | 13 | 4- 6 | 20 | 4-13 | 23 | 4-14 | 25 | 5- 8 | 32 | 10-17 | 32 | 10-21 | 28 | 11-18 | 22 | 11-24 | 18 | 11-25 | 16 | 240 | 232 | 219 | 190 | 162 |
| HIGH POINT PARK | 88 | 7-28 | - 8 | 1-22 | 3-31 | 16 | 3-31 | 16 | 4-12 | 22 | 4-12 | 22 | 4-13 | 31 | 10-17 | 27 | 10-17 | 27 | 11-17 | 22 | 11-24 | 12 | 11-24 | 12 | 238 | 238 | 219 | 188 | 187 |
| JERSEY CITY | 95 | 9-23 | 2 | 1- 9 | 2-26 | 10 | 3- 9 | 20 | 3-30 | 22 | 3-30 | 22 | 4-11 | 32 | 11-23 | 28 | 11-23 | 28 | 11-24 | 22 | 12- 8 | 18 | NONE | | | 274 | 239 | 238 | 226 |
| LAMBERTVILLE | 95 | 9-23 | - 1 | 1-23 | 3-30 | 15 | 3-30 | 15 | 4- 1 | 24 | 4-13 | 27 | 4-16 | 31 | 10-20 | 31 | 11-17 | 27 | 11-24 | 20 | 11-24 | 20 | 12- 6 | 16 | 251 | 239 | 237 | 218 | 187 |
| LAYTON 2 | | - | | - | 3-30 | 7 | 4- 6 | 18 | 4-13 | 22 | 5- 8 | 26 | 5- 8 | 26 | - | | - | | - | | - | | - | | - | - | - | - | - |
| LITTLE FALLS | 96 | 9-24 | - 1 | 1-23 | 3-30 | 15 | 3-30 | 15 | 4- 1 | 21 | 4- 6 | 26 | 4-13 | 32 | 10-20 | 31 | 11-24 | 20 | 11-24 | 20 | 11-24 | 20 | 12- 8 | 13 | 253 | 239 | 237 | 232 | 190 |
| LONG VALLEY | 90 | 7-30+ | - 8 | 1-23 | 4- 1 | 15 | 4- 6 | 19 | 4-13 | 23 | 4-16 | 27 | 5- 7 | 29 | 10- 5 | 29 | 10-18 | 25 | 11-18 | 23 | 11-24 | 19 | 11-25 | 14 | 238 | 232 | 219 | 185 | 151 |
| MORRIS PLAINS 1 W | 94 | 9-24+ | - 7 | 1-22 | 3-30 | 14 | 4- 1 | 18 | 4- 6 | 21 | 4-13 | 26 | 4-19 | 30 | 10- 5 | 32 | 10-20 | 26 | 11-17 | 23 | 11-24 | 16 | 11-24 | 16 | 239 | 237 | 225 | 190 | 169 |
| NEWARK WSO | 94 | 9-23+ | 2 | 1- 9 | 2-26 | 9 | 2-26 | 9 | 3-30 | 22 | 3-30 | 22 | 4-11 | 32 | 11-23 | 26 | 11-23 | 26 | 11-24 | 23 | 12- 8 | 18 | NONE | | | 285 | 239 | 238 | 226 |
| NEWTON | 92 | 9-24+ | -12 | 1-23 | 4- 1 | 14 | 4- 1 | 14 | 4-13 | 24 | 4-13 | 24 | 5- 8 | 29 | 10-17 | 32 | 10-20 | 24 | 10-20 | 24 | 11-24 | 17 | 11-25 | 14 | 238 | 237 | 190 | 190 | 162 |
| PATERSON | 97 | 9-24 | - 6 | 1-23 | 2-27 | 9 | 3-30 | 19 | 4- 1 | 22 | 4- 1 | 22 | 4-12 | 30 | 11-17 | 31 | 11-24 | 20 | 11-24 | 20 | 11-24 | 20 | 12- 8 | 16 | 284 | 239 | 237 | 237 | 219 |
| PHILLIPSBURG | 94 | 9-24+ | - 3 | 1-23 | 3-31 | 15 | 3-31 | 15 | 4- 1 | 21 | 4-13 | 28 | 4-16 | 31 | 10-20 | 30 | 11-18 | 26 | 11-24 | 19 | 11-24 | 19 | 12- 8 | 14 | 252 | 238 | 237 | 219 | 187 |
| PLAINFIELD | 95 | 9-23 | 0 | 1-23+ | 3-30 | 13 | 3-30 | 13 | 4- 1 | 24 | 4- 6 | 26 | 5- 7 | 32 | 10-18 | 31 | 11-17 | 26 | 11-24 | 19 | 11-24 | 19 | 12- 8 | 14 | 253 | 239 | 237 | 225 | 164 |
| SOMERVILLE 3 NW | 95 | 7-30 | | - | 3-30 | 16 | 3-31 | 18 | 4- 6 | 22 | 4-13 | 28 | 5- 7 | 31 | 10- 5 | 32 | 10-29 | 28 | 11-17 | 24 | 11-24 | 18 | 11-25 | 16 | 240 | 238 | 225 | 199 | 151 |
| SUSSEX 1 SE | 92 | 9-24+ | -15 | 1-23+ | 4- 1 | 10 | 4- 6 | 19 | 4-13 | 21 | 5- 7 | 26 | 5- 7 | 26 | 10- 5 | 28 | 10- 5 | 28 | 10-20 | 21 | 10-29 | 20 | 11-24 | 13 | 237 | 206 | 190 | 151 | 151 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 93 | 9-23 | 3 | 1-23 | 2-27 | 11 | 3-10 | 17 | 3-16 | 24 | 4- 6 | 28 | 4-13 | 30 | 11-17 | 27 | 11-17 | 27 | 11-24 | 21 | 12- 7 | 16 | 12- 7 | 16 | 283 | 272 | 253 | 225 | 218 |
| AUDUBON | 96 | 9-24+ | 3 | 1- 9 | 2-26 | 9 | 2-27 | 18 | 3-10 | 23 | 3-30 | 25 | 4- 6 | 29 | 11-17 | 31 | 11-23 | 24 | 11-23 | 24 | 12- 8 | 17 | NONE | | | 284 | 258 | 238 | 225 |
| BELLEPLAIN ST FOREST | 97 | 9-23 | - 5 | 1-23 | 3- 1 | 15 | 3-16 | 20 | 3-17 | 22 | 5- 7 | 28 | 5- 7 | 28 | 11- 6 | 32 | 11-17 | 23 | 11-17 | 23 | 11-24 | 17 | 12- 8 | 9 | 282 | 253 | 245 | 194 | 183 |
| BURLINGTON | | - | 3 | 1- 9 | 3- 1 | 16 | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | - | - | - | - |
| CHATSWORTH | 97 | 9-23 | - 7 | 1-23 | 3-15 | 15 | 3-16 | 18 | 4-11 | 22 | 4-13 | 28 | 4-13 | 28 | 10- 5 | 31 | 11-17 | 22 | 11-17 | 22 | 11-24 | 18 | 12-27 | 14 | 287 | 253 | 220 | 218 | 175 |
| FREEHOLD | 94 | 9-24 | - 1 | 1-23 | 2-27 | 10 | 3-30 | 17 | 3-31 | 23 | 4-12 | 28 | 5- 7 | 31 | 10-18 | 30 | 11-17 | 27 | 11-24 | 17 | 11-24 | 17 | - | | - | 239 | 238 | 219 | 164 |
| GLASSBORO | 96 | 9-24 | 0 | 1-10 | 2-27 | 10 | 2-27 | 10 | 3-17 | 24 | 4-11 | 27 | 4-11 | 27 | 11-17 | 31 | 11-24 | 20 | 11-24 | 20 | 11-24 | 20 | NONE | | | 270 | 252 | 227 | 220 |
| HAMMONTON 2 NNE | 99 | 9-24 | 1 | 1-10+ | 2-27 | 9 | 3-10 | 20 | 3-30 | 24 | 4- 6 | 28 | 4-13 | 32 | 10-20 | 31 | 11-17 | 26 | 11-24 | 16 | 11-24 | 16 | 11-24 | 16 | 270 | 259 | 239 | 225 | 190 |
| HIGHTSTOWN 1 N | 95 | 9-23 | 0 | 1- 9 | 2-27 | 15 | 3-30 | 17 | 3-30 | 17 | 4- 6 | 27 | 5- 7 | 32 | 10-20 | 30 | 10-29 | 28 | 11-24 | 19 | 11-24 | 19 | 12- 8 | 12 | 284 | 239 | 239 | 206 | 166 |
| INDIAN MILLS 2 W | 96 | 9-23 | - 2 | 1-23 | 3-10 | 16 | 3-17 | 20 | 4- 6 | 24 | 4-13 | 25 | 5- 7 | 32 | 10- 5 | 31 | 10-20 | 26 | 11-17 | 22 | 11-24 | 18 | 11-26 | 16 | 261 | 252 | 225 | 190 | 151 |
| MILLVILLE | | - | | - | 3- 1 | 16 | 3-10 | 20 | - | | - | | - | | - | | - | | - | | - | | - | | - | - | - | - | - |
| MILLVILLE FAA AIRPORT | 95 | 9-23+ | 1 | 1-23+ | 2-27 | 12 | 3-10 | 18 | 3-17 | 24 | 4-12 | 27 | 4-13 | 31 | 11-17 | 29 | 11-18 | 26 | 11-23 | 23 | 11-24 | 20 | 12- 8 | 12 | 284 | 259 | 251 | 220 | 218 |
| MOORESTOWN | 95 | 9-24 | 2 | 1- 9 | 2-27 | 13 | 3-10 | 20 | 3-30 | 23 | 4- 6 | 26 | 4-12 | 32 | 10-29 | 31 | 11-18 | 26 | 11-24 | 20 | 11-24 | 20 | 12- 8 | 13 | 284 | 259 | 239 | 226 | 200 |
| NEW BRUNSWICK | 92 | 9-24+ | 1 | 1- 9 | 2-27 | 8 | 3-30 | 17 | 3-31 | 24 | 4- 6 | 27 | 4-12 | 30 | 10-29 | 30 | 11-24 | 19 | 11-24 | 19 | 11-24 | 19 | 12- 8 | 14 | 284 | 239 | 238 | 232 | 200 |
| PEMBERTON 3 E | 97 | 9-22 | - 2 | 1-23 | 2-27 | 9 | 3-16 | 18 | 4- 1 | 24 | 4-13 | 26 | 5- 7 | 32 | 10- 5 | 32 | 10-29 | 26 | 11-17 | 24 | 11-24 | 18 | 12- 8 | 9 | 284 | 253 | 230 | 199 | 151 |
| SEABROOK FARMS | 97 | 9-24 | 2 | 1-10+ | 2-27 | 12 | 3-10 | 20 | 3-17 | 23 | 4- 6 | 27 | 4-13 | 31 | 11-17 | 28 | 11-17 | 28 | 11-24 | 20 | 11-24 | 20 | 12- 8 | 15 | 284 | 259 | 252 | 225 | 218 |
| SHILOH | 98 | 9-23 | 2 | 1- 9 | 2-27 | 16 | 3- 1 | 20 | 3-17 | 21 | 4-11 | 26 | 4-12 | 30 | 11-17 | 30 | 11-24 | 19 | 11-24 | 19 | 11-24 | 19 | 12- 8 | 15 | 284 | 268 | 252 | 227 | 219 |
| TOMS RIVER | 95 | 9-24+ | - 2 | 1-23 | 2-27 | 11 | 3-17 | 20 | 3-30 | 23 | 4- 6 | 27 | 4-16 | 32 | 10-18 | 32 | 10-29 | 28 | 11-24 | 18 | 11-24 | 18 | 12- 8 | 10 | 284 | 252 | 239 | 206 | 185 |
| TRENTON WSO | 94 | 9-23 | 4 | 1- 9+ | 2-26 | 10 | 3-30 | 20 | 3-30 | 20 | 3-30 | 20 | 4-11 | 31 | 11-23 | 24 | 11-23 | 24 | 11-23 | 24 | 12- 8 | 20 | NONE | | | 253 | 238 | 238 | 226 |
| TUCKERTON | 96 | 9-16 | - 4 | 1-23 | 2-27 | 9 | 3-16 | 20 | 3-17 | 24 | 4-12 | 27 | 4-13 | 29 | 10-29 | 32 | 11-17 | 26 | 11-24 | 16 | 11-24 | 16 | 11-24 | 16 | 270 | 253 | 252 | 219 | 199 |
| WOODSTOWN | 96 | 9-23 | 1 | 2-26 | 2-27 | 16 | 3- 1 | 20 | 3-28 | 22 | 4-12 | 28 | 4-12 | 28 | 10-29 | 32 | 11- 6 | 28 | 11-24 | 18 | 11-24 | 18 | 12- 7 | 16 | 283 | 268 | 241 | 208 | 200 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | 90 | 8-29+ | 9 | 1- 9+ | 2-26 | 15 | 2-26 | 15 | 2-26 | 15 | 3-17 | 28 | 3-30 | 30 | 11-23 | 26 | 11-23 | 26 | 11-24 | 23 | 12-30 | 20 | NONE | | | 307 | 271 | 251 | 238 |
| CAPE MAY 1 NW | 93 | 9-17 | 7 | 1- 9 | 2-27 | 13 | 2-27 | 13 | 3-10 | 23 | 3-16 | 28 | 4- 2 | 32 | 11-18 | 32 | 11-24 | 24 | 11-24 | 24 | 12- 8 | 19 | NONE | | | 284 | 259 | 253 | 230 |
| LONG BRANCH 2 S | 92 | 9-22 | 1 | 1-23+ | 2-27 | 15 | 3-10 | 20 | 3-30 | 23 | 4- 6 | 28 | 4-13 | 32 | 11-17 | 29 | 11-24 | 19 | 11-24 | 19 | 11-24 | 19 | 12- 8 | 14 | 284 | 259 | 239 | 232 | 218 |
| SANDY HOOK | 88 | 9-23+ | 8 | 1-22 | 2-27 | 13 | 2-27 | 13 | 2-28 | 23 | 3-30 | 26 | 4-11 | 32 | 11-24 | 22 | 11-24 | 22 | 11-24 | 22 | 12- 8 | 19 | NONE | | | 284 | 269 | 239 | 227 |

See Reference Notes Following Station Index

# SOIL TEMPERATURES

| Station | Depth (IN) | Time | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | | Annual | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes |
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | 32.1 | 36<br>26 | 33.1 | 35<br>31 | 37.0 | 53<br>32 | 50.6 | 72<br>34 | 65.5 | 82<br>49 | 74.6 | 90<br>63 | 79.8 | 97<br>68 | 79.6 | 93<br>66 | 74.3 | 86<br>60 | 62.2 | 73<br>48 | 52.6 | 63<br>40 | 40.0 | 55<br>32 | 56.8 | 97<br>26 |
| | 2 | | 32.9 | 37<br>28 | 33.2 | 35<br>32 | 37.0 | 50<br>33 | 49.6 | 68<br>35 | 64.3 | 77<br>50 | 73.5 | 88<br>64 | 78.6 | 92<br>69 | 78.8 | 89<br>68 | 74.0 | 89<br>61 | 62.3 | 80<br>50 | 53.0 | 62<br>41 | 40.5 | 54<br>34 | 56.5 | 92<br>28 |
| | 4 | | 33.6 | 37<br>30 | 33.4 | 34<br>32 | 36.7 | 49<br>33 | 49.5 | 66<br>41 | 63.1 | 74<br>51 | 72.2 | 82<br>63 | 77.3 | 88<br>70 | 78.2 | 87<br>70 | 73.6 | 83<br>63 | 62.9 | 74<br>52 | 53.9 | 62<br>41 | 42.4 | 54<br>35 | 56.4 | 88<br>30 |
| | 8 | | 35.0 | 39<br>33 | 33.8 | 35<br>32 | 36.9 | 45<br>34 | 48.0 | 61<br>38 | 61.4 | 68<br>53 | 70.4 | 76<br>63 | 75.0 | 82<br>70 | 76.5 | 82<br>72 | 73.0 | 80<br>66 | 63.4 | 71<br>54 | 55.2 | 61<br>45 | 43.8 | 53<br>37 | 56.0 | 82<br>32 |
| | 20 | | 38.0 | 42<br>36 | 35.8 | 37<br>35 | 37.7 | 42<br>35 | 46.5 | 55<br>39 | 58.5 | 63<br>54 | 67.2 | 69<br>63 | 71.6 | 75<br>69 | 74.2 | 76<br>73 | 71.6 | 74<br>68 | 64.3 | 68<br>59 | 56.5 | 60<br>51 | 46.0 | 53<br>41 | 55.6 | 76<br>35 |
| | 40 | | 41.2 | 45<br>39 | 38.1 | 39<br>37 | 38.7 | 42<br>37 | 45.6 | 54<br>41 | 55.2 | 59<br>51 | 63.3 | 66<br>59 | 68.0 | 71<br>65 | 71.2 | 72<br>71 | 70.4 | 72<br>69 | 65.2 | 69<br>61 | 58.7 | 61<br>54 | 49.4 | 54<br>45 | 55.4 | 72<br>37 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | 33.5 | 37<br>28 | 32.8 | 36<br>24 | 37.9 | 57<br>30 | 52.0 | 75<br>35 | 66.0 | 90<br>40 | 74.1 | 91<br>57 | 83.3 | 104<br>66 | 81.7 | 103<br>63 | 74.5 | 94<br>51 | 60.5 | 78<br>42 | 49.9 | 64<br>35 | 38.0 | 57<br>30 | 57.0 | 104<br>24 |
| | 2 | | 33.6 | 37<br>29 | 32.8 | 34<br>25 | 37.7 | 56<br>30 | 51.4 | 74<br>35 | 65.6 | 87<br>41 | 73.6 | 90<br>58 | 82.6 | 102<br>67 | 81.1 | 101<br>64 | 74.1 | 92<br>52 | 60.2 | 77<br>42 | 49.7 | 64<br>36 | 37.8 | 56<br>30 | 56.7 | 102<br>25 |
| | 4 | | 33.9 | 37<br>33 | 33.4 | 34<br>32 | 37.2 | 51<br>33 | 49.4 | 68<br>36 | 64.0 | 79<br>48 | 72.2 | 83<br>62 | 80.7 | 93<br>69 | 79.7 | 92<br>68 | 73.4 | 86<br>56 | 60.3 | 73<br>48 | 50.3 | 62<br>39 | 38.4 | 53<br>33 | 56.0 | 93<br>32 |
| | 8 | | 34.9 | 38<br>33 | 33.8 | 34<br>33 | 37.0 | 46<br>33 | 48.2 | 62<br>37 | 62.0 | 70<br>53 | 70.7 | 85<br>64 | 78.2 | 85<br>72 | 78.0 | 85<br>71 | 72.7 | 83<br>60 | 60.9 | 70<br>52 | 51.7 | 60<br>41 | 40.1 | 52<br>35 | 55.7 | 85<br>33 |

AVERAGE DATA ARE FROM MAX AND MIN READINGS FOR 24 HOURS UNLESS TIME IS INDICATED, IN WHICH CASE AVERAGES ARE FROM ONCE DAILY READINGS AT TIME SHOWN.

NEW BRUNSWICK

SUBSTATION 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER. KENTUCKY BLUEGRASS.

SUBSTATION 2 : SLOPE OF GROUND. FLAT. SOIL TYPE. LOAM. GROUND COVER: BARREN.

Table 4

# TOTAL EVAPORATION AND WIND MOVEMENT

| Station | | | Jan. | Feb. | Mar | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN | 01 | | | | | | | | | | | | | | |
| CANOE BROOK | | EVAP | - | - | - | - | 4.32 | 5.13 | 5.84 | 5.59B | 3.53 | 2.31B | - | - | - |
| | | DEP | - | - | - | - | .27 | .59 | .78 | 1.32 | .52 | .34 | - | - | - |
| | | WIND | - | - | - | 1701 | 1238 | 658 | 862 | 607 | 702 | 852 | - | - | - |
| | | MAX | - | - | - | - | 76.9 | 82.7 | 88.9 | 90.2 | 82.2 | 65.6 | - | - | - |
| | | MIN | - | - | - | - | 54.6 | 62.5 | 68.5 | 68.3 | 62.0 | 50.8 | - | - | - |
| * * * SOUTHERN | 02 | | | | | | | | | | | | | | |
| NEW BRUNSWICK | | EVAP | - | - | - | - | 5.46 | 6.34 | 18.38 | 6.92B | 5.54B | 2.42B | - | - | - |
| | | WIND | - | - | - | - | 1956 | 1954 | 698 | 1439 | 1555 | 1719 | - | - | - |
| | | MAX | - | - | - | - | 75.9 | 83.8 | 88.3 | 88.1 | 80.4 | 63.8 | - | - | - |
| | | MIN | - | - | - | - | 53.5 | 60.0 | 65.6 | 65.1 | 59.4 | 48.9 | - | - | - |
| PEMBERTON 3 E | | EVAP | - | - | - | - | 4.04B | 5.11 | 4.65 | 4.48 | 3.26 | 2.50 | 1.62 | - | - |
| | | WIND | - | - | - | - | 684 | 721 | 693 | 487 | 495 | 862 | 882 | - | - |
| SEABROOK FARMS | | EVAP | - | - | - | 4.71B | 6.18 | 7.40 | 6.96 | 6.94 | 6.35 | 3.67B | - | - | - |
| | | MAX | - | - | - | 64.8 | 79.7 | 85.4 | 89.0 | 88.7 | 84.1 | 69.4 | - | - | - |
| | | MIN | - | - | - | 43.6 | 53.8 | 62.2 | 67.2 | 65.9 | 60.6 | 50.0 | - | - | - |

# STATION INDEX

| Station | Index No. | Division No. | County | Drainage‡ | Latitude | Longitude | Elevation | Years of record |  |  | Opened or closed during yr. |  | Refer to tables |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  | Temp. | Precip. | Evap. | Month opened | Month closed |  |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 |  |  |  |  |  | C |
| ATLANTIC CITY WSO | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | 13 | 13 |  |  |  | 1 2 3 C |
| #ATLANTIC CITY R | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | 97 | 97 |  |  |  | 1 2 3 |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 18 | 21 |  |  |  | 1 2 3 |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 |  | 24 |  |  |  | 2 |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 76 | 76 |  |  |  | 1 2 3 |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 78 | 78 |  |  |  | 1 2 3 |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 |  | 12 |  |  |  | 2 |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 |  | 14 |  |  |  | 2 |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 62 | 80 |  |  |  | 1 2 3 |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 14 |  |  |  | 2 |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 |  | 69 |  |  |  | 2 |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 58 | 84 |  |  |  | 1 2 3 |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 |  | 30 |  |  |  | 2 |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 40 | 40 | 40 |  |  | 1 2 34 |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 |  | 24 |  |  |  | 2 |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 45 | 82 |  |  |  | 1 2 3 C |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 |  |  |  |  |  | C |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 76[illegible] | 78 | 78 |  |  |  | 1 2 3 |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 10[illegible] | 26 | 26 |  |  |  | 1 2 3 |
| CLINTON | 1749 | 01 | HUNTERDON | 10 | 40 38 | 74 55 | 20[illegible] |  | 26 |  |  | JUN | 2 |
| CLINTON 2 N | 1754 | 01 | HUNTERDON | 10 | 40 40 | 74 55 | 35[illegible] |  |  |  | JUL |  | C |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 |  |  |  |  |  | 1 2 3 |
| ELIZABETH | 2644 | 01 | UNION | 1 | 40 40 | 74 14 | 40 | 90 | 90 |  |  | FEB | 1 2 3 |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 22 | 22 |  |  |  | 1 2 3 C |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 73 | 84 |  |  |  | 1 2 3 |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 |  | 24 |  |  |  | 2 |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 66 | 66 |  |  |  | 1 2 3 C |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8 | 8 |  |  |  | 1 2 3 C |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 2[illegible] | 470 |  | 30 |  |  |  | 2 |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 4[illegible] | 85 | 38 | 64 |  |  |  | 1 2 3 |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 14 | 14 |  |  |  | 1 2 3 |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 74 | 77 |  |  |  | 1 2 3 C |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 80 | 81 |  |  |  | 1 2 3 |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | 72 | 72 |  |  |  | 1 2 3 |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 83 | 83 |  |  |  | 1 2 3 |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8 | 8 |  |  |  | 1 2 3 |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 56 | 67 |  |  |  | 1 2 3 C |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 62 | 62 |  |  |  | 1 2 3 |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 40 | 40 |  |  |  | 1 2 3 |
| LUMBERTON | 5055 | 02 | BURLINGTON | 2 | 39 58 | 74 48 | 25 |  |  |  |  | MAY | C |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 |  | 14 |  |  |  | 2 |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 |  |  |  |  |  | C |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 |  | 26 |  |  |  | 2 |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 |  | 24 |  |  |  | 2 |
| MILLVILLE | 5576 | 02 | CUMBERLAND | 6 | 39 24 | 75 03 | 72 | 13 | 29 |  |  | MAR | 1 2 3 |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | 21 | 21 |  |  |  | 1 2 3 |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 |  | 30 |  |  |  | 2 |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | 107 | 107 |  |  |  | 1 2 3 |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 25 | 29 |  |  |  | 1 2 3 |
| MOUNT HOLLY | 5866 | 02 | BURLINGTON | 2 | 39 59 | 74 48 | 10 |  |  |  | AUG |  | C |
| NEWARK WSO R | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | 71 | 116 |  |  |  | 1 2 3 C |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 3 | 3 | 3 |  |  | 1 2 34CD |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 |  | 52 |  |  |  | 2 C |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 87 | 87 |  |  |  | 1 2 3 C |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 |  | 30 |  |  |  | 2 |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 100 | 99 |  |  |  | 1 2 3 |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 40 | 40 | 10 |  |  | 1 2 34 |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 79 | 87 |  |  |  | 1 2 3 |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 79 | 82 |  |  |  | 1 2 3 |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 |  | 3 |  |  |  | 2 |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 |  | 22 |  |  |  | 2 |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 |  | 31 |  |  |  | 2 C |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 |  | 30 |  |  |  | 2 |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 |  |  |  |  |  | 1 2 3 |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8 | 8 | 8 |  |  | 1 2 34 |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 13 | 13 |  |  |  | 1 2 3 |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 84 | 87 |  | FEB |  | 1 2 3 |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 |  | 30 |  |  |  | 2 |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 |  |  |  |  |  | C |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 72 | 75 |  |  |  | 1 2 3 |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 11 | 49 |  |  |  | 1 2 3 |
| #TRENTON WSO R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | 98 | 98 |  |  |  | 1 2 3 C |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 70 | 75 |  |  |  | 1 2 3 |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 |  | 30 |  |  |  | 2 C |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 |  |  |  |  |  | C |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 |  | 14 |  |  |  | 2 |
| WEST WHARTON | 960[illegible] | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 |  | 12 |  |  |  | 2 |
| WOODCLIFF LAKE | 983[illegible] | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 |  | 52 |  |  |  | 2 C |
| WOODSTOWN | 991[illegible] | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 22 | 32 |  |  |  | 1 2 3 |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN 11-ROCKAWAY

CHANGES IN STATION NAME

| NEW NAME | FORMER NAME | DATE |
|---|---|---|
| SOMERVILLE 3 NW | SOMERVILLE | FEBRUARY 15, 1970 |

RELOCATION AND CHANGES OF EQUIPMENT

| | | |
|---|---|---|
| SOMERVILLE 3 NW | EQUIPMENT MOVED 2.6 MILES NW | FEBRUARY 15, 1970 |

# REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any National Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY."

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1931-1960. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12SSW, indicate distance in miles and direction from the post office.

DELAYED DATA AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| - | No record. |
| + | Also on earlier date (dates) or months. |
| * | Amount included in following measurement. |
| // | Gage is equipped with a windshield. |
| B | Adjusted to a full month. |
| E | Amount is wholly or partially estimated. |
| M | One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record. |
| R | Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.) |
| T | Trace, an amount too small to measure. |
| V | Includes total for previous month. V in annual column means total is for a two-year period. |

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

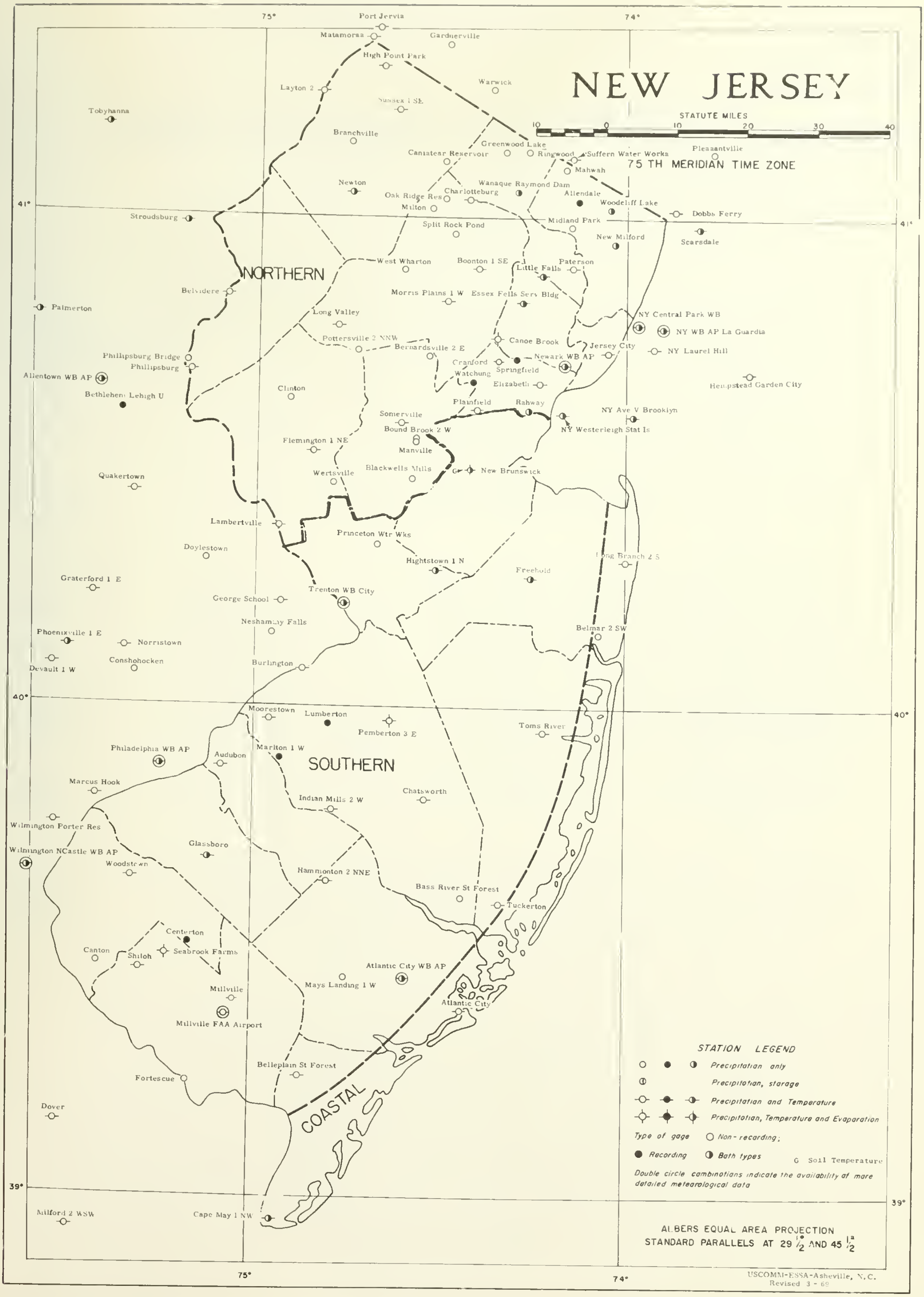
| | |
|---|---|
| # | Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building. |
| C | Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the annual issue of Hourly Precipitation Data. |
| G | Soil temperatures published. |

Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this State. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, for 15 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-NOAA-ASHEVILLE-3/19/71-1020



# NEW JERSEY

USCOMM-ESSA-Asheville, N.C.
Revised 3-69

551.05
UNNJ

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
JANUARY 1971
Volume 76 No. 1

THE LIBRARY OF THE
MAR 25 1971
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 32.8 | 12.2 | 22.5 | - 7.4 | 44 | 25+ | - 6 | 18 | 1312 | 0 | 16 | 31 | 4 | 1.93 | - 1.70 | .48 | 1 | 15.4 | 12 | 2 | 7 | 0 | 0 |
| BOONTON 1 SE | 33.6 | 15.1 | 24.4 | - 4.5 | 45 | 27+ | 2 | 20+ | 1250 | 0 | 13 | 31 | 0 | 1.58 | - 1.66 | .40 | 5 | | | | 5 | 0 | 0 |
| CANOE BROOK | 34.5 | 11.9 | 23.2 | - 5.8 | 47 | 6 | - 4 | 18 | 1296 | 0 | 11 | 31 | 3 | 2.85 | - .81 | 1.33 | 5 | 15.0 | 10 | 2 | 6 | 1 | 1 |
| CHARLOTTEBURG | 29.9 | 12.6 | 21.3 | - 7.3 | 45 | 6 | - 5 | 18 | 1350 | 0 | 15 | 31 | 2 | 2.60 | - 1.07 | .96 | 5 | 14.3 | 9 | 2 | 7 | 1 | 0 |
| CRANFORD | 35.1 | 19.1 | 27.1 | | 47 | 5 | 3 | 19 | 1169 | 0 | 10 | 29 | 0 | 2.92 | | .67 | 4 | 17.3 | 8 | 1 | 7 | 3 | 0 |
| ESSEX FELLS SERV BLDG | 33.0 | 14.7 | 23.9 | | 45 | 24+ | 0 | 19+ | 1267 | 0 | 13 | 31 | 2 | 2.48 | | 1.08 | 5 | 16.0 | 10 | 2 | 6 | 1 | 1 |
| FLEMINGTON 1 NE | 33.2 | 13.3 | 23.3 | - 8.2 | 45 | 31+ | - 2 | 18 | 1285 | 0 | 14 | 31 | 3 | 3.56 | .24 | 1.52 | 5 | 18.2 | 14 | 3+ | 8 | 1 | 1 |
| HIGH POINT PARK | 29.5 | 8.1 | 18.8 | | 44 | 5 | - 7 | 20+ | 1429 | 0 | 19 | 31 | 7 | 0 2.89 | | .93 | 1 | 13.8 | | | 7 | 2 | 0 |
| JERSEY CITY | 33.6 | 21.4 | 27.5 | - 5.0 | 45 | 30+ | 7 | 19 | 1157 | 0 | 13 | 28 | 0 | 1.98 | - 1.39 | .87 | 1 | | | | 4 | 1 | 0 |
| LAMBERTVILLE | 35.4 | 18.1 | 26.8 | - 4.9 | 46 | 30 | 4 | 20+ | 1179 | 0 | 13 | 30 | 0 | 2.92 | - .42 | .91 | 4 | 11.5 | 7 | 1 | 7 | 3 | 0 |
| LITTLE FALLS | 34.2 | 17.0 | 25.6 | - 5.5 | 47 | 24+ | 2 | 19 | 1213 | 0 | 12 | 30 | 0 | 2.40 | - 1.25 | .87 | 5 | 16.4 | 11 | 2 | 7 | 1 | 0 |
| LONG VALLEY | 32.3 | 12.5 | 22.4 | | 44 | 6 | - 7 | 18 | 1316 | 0 | 13 | 31 | 4 | 3.75 | .21 | 1.46 | 5 | 20.0 | | | 6 | 2 | 1 |
| MORRIS PLAINS 1 W | 33.1 | 13.8 | 23.5 | | 46 | 6 | - 3 | 18 | 1279 | 0 | 13 | 31 | 2 | 2.79 | | 1.27 | 5 | 17.5 | 12 | 2 | 9 | 1 | 1 |
| NEWARK WSO R | 33.9 | 20.7 | 27.3 | - 5.0 | 46 | 30 | 7 | 19 | 1160 | 0 | 14 | 28 | 0 | 2.74 | - .59 | .88 | 4 | 13.2 | 6 | 3 | 6 | 2 | 0 |
| NEWTON | 30.4 | 9.4 | 19.9 | - 7.6 | 44 | 6 | -10 | 18+ | 1393 | 0 | 17 | 31 | 4 | 2.65 | - .39 | 1.05 | 5 | 18.0 | 15 | 2 | 7 | 1 | 1 |
| PATERSON | 34.6 | 17.9 | 26.3 | - 5.3 | 46 | 24+ | 3 | 19 | 1193 | 0 | 12 | 31 | 0 | 2.36 | - 1.24 | .98 | 5 | 12.8 | | | 5 | 2 | 0 |
| PHILLIPSBURG | 34.1 | 14.0 | 24.1 | - 6.4 | 45 | 4 | 0 | 19+ | 1263 | 0 | 12 | 31 | 2 | 3.08 | - .60 | 1.42 | 5 | 8.0 | 6 | 1 | 7 | 1 | 1 |
| PLAINFIELD | 33.7 | 18.7 | 26.2 | - 5.7 | 45 | 30+ | 3 | 19 | 1196 | 0 | 13 | 29 | 0 | 2.88 | - .73 | 1.04 | 4 | 14.5 | 6 | 3+ | 6 | 2 | 1 |
| SOMERVILLE 3 NW | 33.3 | 14.5 | 23.9 | - 7.4 | 44 | 30+ | - 1 | 19+ | 1270 | 0 | 13 | 31 | 3 | 3.04 | - .23 | 1.43 | 5 | 13.2 | 8 | 3+ | 8 | 1 | 1 |
| SUSSEX 1 SE | 30.1 | 4.5 | 17.3 | -10.4 | 43 | 6 | -14 | 19+ | 1473 | 0 | 15 | 31 | 11 | 3.21 | - .16 | .96 | 1 | | | | 7 | 2 | 0 |
| DIVISION | | | 23.8 | - 6.4 | | | | | | | | | | 2.73 | - .74 | | | 15.4 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 38.0 | 19.5 | 28.8 | - 6.0 | 54 | 5 | 3 | 19 | 1117 | 0 | 9 | 28 | 0 | 2.67 | - .89 | 1.05 | 5 | 7.2 | 3 | 2 | 8 | 1 | 1 |
| AUDUBON | 36.5 | 20.7 | 28.6 | | 57 | 5 | 10 | 19+ | 1121 | 0 | 12 | 30 | 0 | 2.06 | | .65 | 4 | 5.5 | 4 | 1 | 6 | 1 | 0 |
| BELLEPLAIN ST FOREST | 39.7 | 19.7 | 29.7 | | 60 | 5 | 2 | 18 | 1085 | 0 | 8 | 28 | 0 | 2.62 | - .85 | 1.15 | 5 | 3.5 | 2 | 2+ | 6 | 1 | 1 |
| BURLINGTON | 36.9M | 20.0M | 28.5M | - 5.7 | 51 | 5 | 6 | 20 | 1141 | 0 | | 29 | 0 | 0 1.89 | - 1.38 | .75 | 4 | | | | 5 | 1 | 0 |
| CHATSWORTH | 38.2M | 17.1M | 27.7M | | 57 | 5 | 2 | 20+ | 1151 | 0 | | 28 | 0 | 2.84 | | 1.05 | 5 | | | | 7 | 1 | 1 |
| FREEHOLD | 35.2 | 17.5 | 26.4 | - 6.3 | 55 | 5 | 3 | 19 | 1193 | 0 | 12 | 31 | 0 | 2.59 | - .99 | .95 | 5 | 6.3 | 3 | 2+ | 8 | 1 | 0 |
| GLASSBORO | 36.6 | 19.0 | 27.8 | | 58 | 5 | 8 | 27 | 1143 | 0 | 11 | 31 | 0 | 2.27 | | .75 | 5 | | | | 8 | 2 | 0 |
| HAMMONTON 2 NNE | 39.3 | 16.8 | 28.1 | - 6.1 | 60 | 5 | 5 | 19 | 1137 | 0 | 7 | 31 | 0 | 0 1.86 | - 1.71 | .73 | 6 | 6.0 | | | 7 | 1 | 0 |
| HIGHTSTOWN 1 N | 35.0 | 19.3 | 27.2 | - 5.2 | 55 | 5 | 4 | 19 | 1167 | 0 | 13 | 30 | 0 | 2.55 | - .67 | .68 | 4 | 12.0 | 6 | 1 | 7 | 2 | 0 |
| INDIAN MILLS 2 W | 36.7 | 17.8 | 27.3 | - 6.0 | 59 | 5 | 1 | 20+ | 1163 | 0 | 11 | 30 | 0 | 2.78 | - .84 | .96 | 5 | 6.2 | 4 | 1 | 7 | 2 | 0 |
| MILLVILLE FAA AIRPORT | 36.9 | 19.6 | 28.3 | | 56 | 5 | 4 | 18 | 1131 | 0 | 12 | 29 | 0 | 2.66 | | .97 | 5 | 2.0 | 4 | 1 | 9 | 1 | 0 |
| MOORESTOWN | 36.3 | 19.3 | 27.8 | - 5.2 | 57 | 5 | 8 | 19+ | 1145 | 0 | 13 | 31 | 0 | 1.93 | - 1.19 | .91 | 5 | 6.0 | | | | 1 | 0 |
| NEW BRUNSWICK | 33.7 | 17.5 | 25.6 | - 6.7 | 47 | 30 | 3 | 20 | 1212 | 0 | 13 | 31 | 0 | 2.70 | - .64 | 1.27 | 5 | 11.8 | 5 | 3+ | 6 | 1 | 1 |
| PEMBERTON 3 E | 37.3 | 18.4 | 27.9 | - 6.0 | 59 | 5 | 2 | 18 | 1146 | 0 | 11 | 29 | 0 | 2.20 | - 1.10 | .79 | 5 | 4.5 | 3 | 2+ | 7 | 1 | 0 |
| SEABROOK FARMS | 37.2 | 19.6 | 28.4 | | 57 | 5 | 10 | 19 | 1128 | 0 | 11 | 29 | 0 | 2.49 | | .86 | 5 | | | | 7 | 2 | 0 |
| SHILOH | 37.4 | 21.7 | 29.6 | - 4.7 | 53 | 5 | 8 | 20 | 1090 | 0 | 9 | 30 | 0 | 2.26 | - 1.22 | .98 | 5 | | | | 7 | 1 | 0 |
| TOMS RIVER | 37.3 | 16.2 | 26.8 | | 56 | 5 | 3 | 18 | 1178 | 0 | 11 | 30 | 0 | 2.20 | | .61 | 5 | 4.3 | 3 | 2+ | 7 | 2 | 0 |
| TRENTON WSO R | 34.1 | 22.1 | 28.1 | - 5.0 | 49 | 5 | 8 | 19 | 1137 | 0 | 13 | 28 | 0 | 2.61 | - .49 | .86 | 4 | 11.0 | 6 | 2 | 8 | 2 | 0 |
| TUCKERTON | 38.3 | 18.6 | 28.5 | | 53 | 5 | 2 | 19 | 1127 | 0 | 8 | 29 | 0 | 3.04 | | 1.08 | 5 | 7.5 | 4 | 1 | 7 | 2 | 1 |
| WOODSTOWN | 37.4 | 19.2 | 28.3 | | 58 | 5 | 5 | 28 | 1129 | 0 | 9 | 30 | 0 | 2.49 | | .84 | 5 | 2.5 | 2 | 3+ | 6 | 2 | 0 |
| DIVISION | | | 28.0 | - 5.4 | | | | | | | | | | 2.44 | - 1.01 | | | 6.4 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 38.0 | 25.0 | 31.5 | - 4.5 | 51 | 5 | 15 | 20 | 1029 | 0 | 10 | 25 | 0 | 2.89 | - .86 | 1.21 | 5 | | | | 8 | 1 | 1 |
| CAPE MAY 1 NW | 38.0 | 22.9 | 30.5 | | 53 | 27+ | 12 | 28 | 1064 | 0 | 10 | 28 | 0 | 2.73 | | .82 | 5 | T | T | 31+ | 8 | 2 | 0 |
| LONG BRANCH 2 S | 36.3 | 21.1 | 28.7 | - 4.3 | 55 | 5 | 6 | 19 | 1119 | 0 | 12 | 28 | 0 | 2.71 | - 1.07 | .61 | 5 | 8.5 | 5 | 1 | 6 | 2 | 0 |
| SANDY HOOK | 32.5M | 22.0M | 27.3M | | 50 | 5 | 8 | 19 | 1162 | 0 | | | 0 | 2.17 | | 1.49 | 6 | | | | 4 | 1 | 1 |
| DIVISION | | | 29.5 | - 5.0 | | | | | | | | | | 2.63 | - .89 | | | 4.3 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>2 STATIONS | 60 | DATE | 05 |
| LOWEST TEMPERATURE<br>SUSSEX 1 SE | - 14 | DATE | 19+ |
| GREATEST TOTAL PRECIPITATION<br>LONG VALLEY | 3.75 | | |
| LEAST TOTAL PRECIPITATION<br>BOONTON 1 SE | 1.58 | | |
| GREATEST 1 DAY PRECIPITATION<br>CANTON | 1.65 | DATE | 05 |
| GREATEST TOTAL SNOWFALL<br>LONG VALLEY | 20.0 | | |
| GREATEST DEPTH OF SNOW<br>NEWTON | 15 | DATE | 02 |

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 2

# NEW JERSEY - JANUARY 1971

## SPECIAL WEATHER SUMMARY

Temperature and precipitation averaged below normal for all divisions of the State during the month. The most significant weather for the month was the heavy snow on the 1st, which amounted to 6 to 12 inches over the northern third of the State, gradually diminishing southward. Storm totals in the vicinity of Delaware Bay ranged from 2 to 4 inches. In the northern counties transportation was disrupted, and there was some damage to trees and utility lines.

Donald V. Dunlap
NOAA Climatologist - New Jersey
Department of Meteorology
College of Agriculture and
Environmental Science
Rutgers University, The State
University of New Jersey
New Brunswick, New Jersey 08901

# DAILY PRECIPITATION

NEW JERSEY
JANUARY 19

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 1.93 | .48 | .19 | | | .13 | T | | | | | | | | .40 | .02 | T | T | | | | | | T | T | .20 | .25 | .24 | T | T | .02 | T |
| BERNARDSVILLE 2 E | 3.71 | .83 | .35 | | | 1.40 | | | | | | | | | .40 | .09 | | T | | | | | | .12 | | .28 | | .02 | .14 | | .08 | |
| BLACKWELLS MILLS | 2.90 | .15 | .53 | | | 1.30 | | | | | | | | | .38 | | | | | | | | | .13 | | .24 | | .17 | | | T | T |
| BOONTON 1 SE | 1.58 | .25 | .08 | | T | .40 | | | | | | | | | .25 | .07 | T | | | | T | | | .09 | | .23 | .18 | | T | | .03 | T |
| BOUND BROOK 2 W | 2.69 | .25 | .15 | | | 1.32 | | | | | | | | | .34 | .09 | | | | | | | | .12 | | .25 | .10 | .07 | | | T | T |
| BRANCHVILLE | 2.81 | | .76 | | | .91 | | | | | | | | | .26 | .12 | T | | | | | | | .06 | | .24 | | .41 | | | .05 | |
| CANISTEAR RESERVOIR | 2.48 | .50 | .20 | | | .92 | | | | | | | | | .25 | .12 | | | | | | | | .05 | | .20 | .09 | .10 | | | .05 | |
| CANOE BROOK | 2.85 | .20 | .37 | | | 1.33 | | | | | | | | | .31 | .08 | T | T | | | | | | .11 | | .28 | .07 | .09 | .01 | | T | T |
| CHARLOTTEBURG | 2.60 | .44 | .22 | | | .96 | | | | | | | | | .25 | .11 | | | | | | | | .06 | | .24 | .05 | .23 | | | .04 | |
| CRANFORD | 2.92 | .54 | | | .67 | .56 | | | | | | | | | .46 | | | | | | | | | .08 | | .29 | .10 | .18 | | | .04 | T |
| ESSEX FELLS SERV BLDG | 2.48 | .40 | .12 | | T | 1.08 | | | | | | | | | .32 | T | | | | | | | | T | | .32 | .15 | .09 | | | | |
| FLEMINGTON 1 NE | 3.56 | .34 | .32 | | | 1.52 | | | | | | | | | .42 | | | | | | | | | .30 | | .39 | .11 | .04 | | | .12 | |
| GREENWOOD LAKE | 3.01 | .45 | .50 | | | .95 | | | | | | | | | .22 | .17 | | | | | | | | .05 | .03 | .21 | .08 | .30 | | | .05 | |
| HIGH POINT PARK | D 2.89 | .930 | .33 | | | .78 | | | | | | | | | .31 | | | | | | | | | .13 | | .19 | .20 | .02 | | | | |
| JERSEY CITY | 1.98 | .87 | | | .42 | .18 | | | | | | | | | .30 | | | | | | | | | .05 | .05 | T | .04 | .06 | | | .01 | |
| LAMBERTVILLE | 2.92 | .55 | | | .91 | .55 | | | | | | | | | .40 | | T | | | | | | | .12 | .03 | .19 | .17 | | | | T | T |
| LITTLE FALLS | 2.40 | .47 | .16 | | | .87 | | | | | | | | | .22 | .09 | | | | | | | | .09 | | .25 | .12 | .12 | | | .01 | |
| LONG VALLEY | 3.75 | .85 | .35 | | .01 | 1.46 | | | | | | | | | .35 | | | | | | | | | .08 | | .24 | .08 | .26 | .06 | | .01 | |
| MAHWAH | 2.25 | .22 | .18 | | | .88 | | | | | | | | | .23 | .13 | | | | | | | | .05 | | .23 | .05 | .25 | | | | .03 |
| MIDLAND PARK | 2.11 | .52 | | | .43 | .06 | | | | | | | | | .29 | | | | | | | | | .02 | .56 | | .20 | T | | .03 | | |
| MILTON | 3.26 | .70 | .30 | | | .99 | | | | | | | | | .32 | .08 | | | | | | | | .08 | | .30 | .15 | .26 | | | .08 | |
| MORRIS PLAINS 1 W | 2.79 | .17 | .18 | | | 1.27 | T | | | | | | | | .29 | .14 | T | T | | | T | | | .13 | | .25 | .14 | .17 | .01 | T | .04 | T |
| NEWARK WSO R | 2.74 | .79 | | | .88 | .17 | | | | | | | | .02 | .32 | T | | T | | | | | | .06 | .29 | .01 | .13 | .03 | T | .03 | .01 | |
| NEW MILFORD | 2.19 | .48 | | | .72 | .14 | | | | | | | | | .31 | .08 | | | | | | | .02 | .02 | .14 | .14 | .14 | | | | | |
| NEWTON | 2.65 | .37 | .27 | | | 1.05 | | | | | | | | | .24 | .09 | | | | | | | | .04 | | .24 | .16 | .14 | | | .05 | |
| OAK RIDGE RESERVOIR | 2.97 | .46 | .36 | | | .97 | | | | | | | | | .31 | .11 | | | | | | | | .06 | | .28 | .07 | .23 | | | .12 | |
| PATERSON | 2.36 | .52 | | | | .98 | | | | | | | | | .28 | T | | | | | | | | .03 | | .29 | .20 | .01 | | T | .05 | T |
| PHILLIPSBURG | 3.08 | .34 | .32 | | | 1.42 | | | | | | | | | .42 | | | | | | | | | .10 | | .16 | .08 | .19 | | | .05 | |
| PLAINFIELD | 2.88 | .52 | | | 1.04 | .30 | | | | | | | | | .44 | | | T | | | | | | .08 | | .31 | .17 | T | | .02 | T | |
| POTTERSVILLE 2 NNW | 3.49 | .40 | .30 | | | 1.57 | | | | | | | | | .39 | .09 | | | | | | | | .14 | | .26 | .09 | .20 | | T | .05 | |
| RAHWAY | 1.93 | .24 | | | 1.00 | .11 | | | | | | | | .04 | .21 | | | | | | | | | .04 | .06 | .23 | T | | | T | T | |
| RINGWOOD | - | .430 | .25 | | | - | - | | | | | | | | .31 | T | | | | | | | | .10 | T | .22 | .27 | T | | | T | |
| SOMERVILLE 3 NW | 3.04 | .33 | .23 | | T | 1.43 | | | | | | | | | .33 | .10 | | | | | | | | .12 | | .25 | .04 | .19 | | | .02 | T |
| SPLIT ROCK POND | 2.04 | .60 | | | | .94 | | | | | | | | | .04 | | | | | | | | | .02 | | .25 | .15 | .02 | .02 | | | |
| SUSSEX 1 SE | 3.21 | .96 | .28 | | | .93 | | | | | | | | | .26 | .15 | | | | | | | | .05 | .02 | .13 | .03 | .34 | T | T | .06 | |
| WANAQUE RAYMOND DAM | 2.48 | .40 | .23 | | | .87 | | | | | | | | | .26 | .07 | | | | | | | | .05 | | .25 | .20 | .15 | | | T | |
| WERTSVILLE | 2.67 | .17 | .14 | | T | 1.41 | | | | | | | | | .35 | T | | | | | | | | .16 | T | .23 | .09 | .08 | | | .03 | .01 |
| WEST WHARTON | 3.07 | .43 | .38 | | | 1.08 | T | | | | | | | | .27 | .14 | | T | | | | | | .08 | | .37 | T | .27 | T | | .05 | |
| WOODCLIFF LAKE | 2.25 | .64 | | | .73 | .14 | | | | | | | | | .29 | | | | | | | | | .05 | .19 | .01 | .20 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 2.67 | .28 | | | .24 | 1.05 | | | | T | | | | .07 | .09 | .12 | | | | | | | | .14 | .08 | .02 | .35 | T | | .03 | .10 | .10 |
| AUDUBON | 2.06 | .45 | | | .65 | .45 | | | | | | | | T | .20 | T | | | | | | | | .14 | T | .17 | T | | | T | T | |
| BASS RIVER ST FOREST | 2.45 | * | .70 | | | * | 1.09 | | | | | | | | | | | | | | | | | | | .28 | .24 | .03 | | | T | .11 |
| BELLEPLAIN ST FOREST | 2.62 | .40 | | | .16 | 1.15 | | | | T | | | | | .07 | .05 | | T | | | | | | .20 | | .07 | .32 | | | T | | .20 |
| BURLINGTON | D 1.89 | .40 | | | .75 | .39 | | | | | | | | 0 .02 | T | T | | | | | | | | 0 .02 | .03 | .15 | .13 | | | | | |
| CANTON | 2.99 | .61 | | | | 1.65 | | | | | | | | | T | T | | T | | | T | | | | | .60 | .04 | .09 | | | T | |
| CHATSWORTH | 2.84 | .40 | | | .42 | 1.05 | | | | | | | | | .27 | | | | | | | | | .27 | | .16 | .27 | | | | | |
| FORTESCUE | 2.42 | .60 | | | | .67 | | | | | | | | | | .45 | | | | | | | | .15 | | .20 | .15 | .20 | | | | |
| FREEHOLD | 2.59 | .21 | .10 | | | .95 | .29 | | | | | | | | .40 | .06 | | | | | | T | | .13 | | .20 | .15 | .07 | T | | T | .03 |
| GLASSBORO | 2.27 | .25 | | | .50 | .75 | | | | | | | | .06 | .17 | .04 | | | | | | | .03 | .12 | .10 | .05 | .10 | | | T | .10 | |
| HAMMONTON 2 NNE | D 1.86 | | .05 | | | .25 | .73 | | | | | | | | .20 | .05 | | | | | | | | .15 | | .11 | .17 | T | | | .050 | .10 |
| HIGHTSTOWN 1 N | 2.55 | .54 | | | .68 | .45 | | | | | | | | | .35 | T | | | | | | | | .19 | .02 | .15 | .15 | T | T | | T | .02 |
| INDIAN MILLS 2 W | 2.78 | .50 | | | .36 | .96 | | | | | | | | | .22 | .04 | | | | | | | | .18 | T | .14 | .30 | T | T | | .02 | .06 |
| MAYS LANDING 1 W | 2.53 | .43 | .06 | | | .81 | .54 | | | | | | | | .21 | T | .06 | | | | | | | .14 | | T | .16 | .10 | | | .02 | |
| MILLVILLE FAA AIRPORT | 2.66 | .24 | | | .41 | .97 | | | | T | | | | T | .13 | .11 | | T | | | | | T | .19 | .12 | .03 | .31 | | T | .01 | .14 | T |
| MOORESTOWN | 1.93 | T | * | * | .30 | .91 | .11 | | | | | | | | .19 | T | | | | T | | | | | | .32 | .04 | .06 | | | T | T |
| NEW BRUNSWICK | 2.70 | .28 | .05 | | T | 1.27 | T | | | | | | | | .37 | .06 | | | | | | | | .12 | T | .30 | .14 | .09 | T | T | .01 | .01 |
| PEMBERTON 3 E | 2.20 | .31 | | | .36 | .79 | | | | | | | | | .15 | T | | | | | | | | .11 | T | .21 | .19 | | | | .03 | .05 |
| PRINCETON WATER WORKS | 1.98 | .50 | | | 1.03 | .20 | | | | | | | | .11 | T | T | | | | | | | | | | .04 | | | | | .10 | |
| SEABROOK FARMS | 2.49 | | .14 | | | .86 | .62 | | | | | | | | .21 | .05 | T | | | | | | | .16 | | .18 | .15 | .08 | | | T | .04 |
| SHILOH | 2.26 | .14 | | | .36 | .98 | | | | | | | | | .24 | .07 | | | | | | | | .13 | | .17 | .17 | | | | | |
| TOMS RIVER | 2.20 | .03 | | | | .61 | .55 | | | | | | | | .30 | .02 | | | | | | | | .16 | | .21 | .20 | .10 | | | | .02 |
| TRENTON WSO R | 2.61 | .58 | | | .86 | .22 | | | | | | | | .11 | .20 | T | | | | | | | | .18 | .20 | .04 | .12 | T | T | .05 | .05 | |
| TUCKERTON | 3.04 | .66 | | | .14 | 1.08 | | | | T | | | | | .29 | .07 | | | | | | | | .16 | T | .16 | .31 | T | T | | .08 | .09 |
| WOODSTOWN | 2.49 | .20 | | | .61 | .84 | | | | T | | | | | .24 | .01 | | T | | | T | | | .16 | | | .39 | T | T | | .01 | .03 |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 2.89 | .23 | | | .29 | 1.21 | | | | | | | | .05 | .19 | .12 | | | | | | | | .34 | .08 | .01 | .15 | | | .03 | .09 | .10 |
| CAPE MAY 1 NW | 2.73 | .57 | .02 | | | .82 | .41 | | | T | .06 | | | | .12 | | .10 | | T | | T | | | .31 | | .07 | .15 | .10 | | | | T |
| LONG BRANCH 2 S | 2.71 | .43 | | | .55 | .61 | | | | | | | | | .40 | | | | | | | | | .09 | T | .21 | .34 | T | | | .01 | .07 |
| SANDY HOOK | 2.17 | | | | | | 1.49 | | | | | | | | .15 | | | | | | | | | | | .10 | .42 | .01 | | | | |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | Standard of Time EASTERN 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WSO | 29 | 7.1 | 11.6 | 47++ | 29 | 26 | 65 | 67 | 52 | 58 | 2 | 5 | 7 | 0 | 1 | 0 | 15 | 43 | 6.9 |
| ATLANTIC CITY ST. MARINA | - | - | - | 36 | W | 27+ | - | - | - | - | 0 | 5 | 7 | 0 | 1 | 0 | 13 | - | - |
| NEWARK WSO | 27 | 7.6 | 11.8 | 33++ | 27 | 27 | 74 | 79 | 62 | 67 | 3 | 6 | 4 | 2 | 0 | 0 | 15 | - | 6.5 |
| TRENTON WSO | - | - | - | 38 | NW | 27 | - | - | - | - | 3 | 3 | 6 | 2 | 0 | 0 | 14 | 53 | 6.4 |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 32 | 32 | 34 | 43 | 38 | 44 | 32 | 28 | 27 | 25 | 35 | 43 | 39 | 24 | 31 | 36 | 22 | 28 | 21 | 18 | 27 | 32 | 44 | 38 | 44 | 42 | 38 | 19 | 21 | 40 | 40 | 32.8 |
| | MIN | 12 | 0 | 8 | 11 | 26 | 19 | 18 | 11 | 10 | 13 | 20 | 23 | 13 | 14 | 18 | 7 | -3 | -6 | -2 | 2 | 10 | 14 | 22 | 16 | 26 | 29 | 12 | 4 | 5 | 12 | 13 | 12.2 |
| BOONTON 1 SE | MAX | 37 | 30 | 36 | 43 | 44 | 45 | 32 | 26 | 25 | 26 | 35 | 43 | 37 | 30 | 35 | 35 | 19 | 24 | 23 | 19 | 26 | 37 | 42 | 45 | 39 | 41 | 45 | 17 | 19 | 44 | 43 | 33.6 |
| | MIN | 18 | 18 | 14 | 20 | 29 | 25 | 12 | 15 | 13 | 15 | 25 | 27 | 14 | 15 | 20 | 9 | 4 | 3 | 2 | 2 | 10 | 16 | 23 | 19 | 22 | 30 | 12 | 6 | 7 | 10 | 14 | 15.1 |
| CANOE BROOK | MAX | 38 | 37 | 37 | 40 | 36 | 47 | 33 | 27 | 22 | 28 | 41 | 46 | 41 | 27 | 34 | 36 | 22 | 30 | 28 | 18 | 25 | 36 | 43 | 41 | 45 | 42 | 41 | 20 | 21 | 44 | 42 | 34.5 |
| | MIN | 16 | 7 | 17 | 6 | 22 | 9 | 5 | 11 | 12 | 14 | 23 | 24 | 15 | 15 | 14 | 8 | 9 | -4 | -2 | 0 | 7 | 12 | 21 | 11 | 25 | 30 | 9 | 4 | 3 | 11 | 14 | 11.9 |
| CHARLOTTEBURG | MAX | 38 | 25 | 37 | 38 | 42 | 45 | 27 | 22 | 21 | 26 | 35 | 41 | 32 | 24 | 33 | 31 | 15 | 18 | 20 | 10 | 18 | 34 | 40 | 40 | 35 | 38 | 37 | 14 | 15 | 39 | 36 | 29.9 |
| | MIN | 14 | 17 | 18 | 14 | 25 | 21 | 14 | 11 | 9 | 9 | 23 | 25 | 11 | 11 | 17 | 6 | -4 | -5 | 2 | 2 | 5 | 12 | 31 | 20 | 20 | 28 | 11 | 4 | 5 | 5 | 10 | 12.6 |
| CRANFORD | MAX | 33 | 35 | 44 | 36 | 47 | 41 | 28 | 27 | 27 | 37 | 44 | 41 | 32 | 35 | 36 | 36 | 25 | 27 | 22 | 25 | 34 | 42 | 45 | 40 | 42 | 43 | 33 | 21 | 31 | 45 | 35 | 35.1 |
| | MIN | 23 | 17 | 22 | 18 | 35 | 26 | 16 | 15 | 17 | 24 | 26 | 32 | 16 | 21 | 20 | 11 | 5 | 6 | 3 | 7 | 15 | 32 | 25 | 19 | 31 | 33 | 15 | 11 | 10 | 25 | 16 | 19.1 |
| ESSEX FELLS SERV BLDG | MAX | 33 | 28 | 37 | 40 | 40 | 45 | 31 | 30 | 25 | 25 | 37 | 42 | 37 | 30 | 34 | 35 | 17 | 22 | 25 | 17 | 23 | 40 | 42 | 45 | 38 | 42 | 42 | 18 | 20 | 42 | 42 | 33.0 |
| | MIN | 18 | 10 | 13 | 16 | 30 | 19 | 11 | 10 | 12 | 15 | 23 | 27 | 13 | 16 | 19 | 8 | 0 | 2 | 0 | 5 | 10 | 20 | 25 | 20 | 29 | 32 | 11 | 5 | 9 | 15 | 13 | 14.7 |
| FLEMINGTON 1 NE | MAX | 35 | 31 | 30 | 40 | 43 | 43 | 29 | 25 | 25 | 28 | 38 | 43 | 39 | 27 | 36 | 35 | 28 | 23 | 25 | 15 | 25 | 37 | 40 | 42 | 37 | 41 | 39 | 20 | 21 | 45 | 45 | 33.2 |
| | MIN | 20 | 16 | 5 | 8 | 23 | 20 | 19 | 11 | 11 | 18 | 21 | 26 | 12 | 15 | 19 | 10 | 0 | -2 | -1 | 2 | 10 | 12 | 26 | 19 | 21 | 31 | 10 | 4 | 4 | 8 | 15 | 13.3 |
| HIGH POINT PARK | MAX | 33 | 25 | 33 | 37 | 44 | 41 | 24 | 21 | 19 | 22 | 31 | 38 | 30 | 19 | 32 | 32 | 30 | 22 | 22 | 15 | 17 | 32 | 37 | 40 | 35 | 36 | 37 | 22 | 20 | 36 | 31 | 29.5 |
| | MIN | 7 | 9 | 13 | 19 | 22 | 17 | 10 | 9 | 1 | 2 | 19 | 24 | 5 | 4 | 11 | 1 | -2 | 1 | -7 | -7 | -1 | 10 | 20 | 20 | 21 | 24 | 2 | -2 | -4 | -2 | 4 | 8.1 |
| JERSEY CITY | MAX | 30 | 36 | 42 | 40 | 45 | 33 | 28 | 26 | 25 | 38 | 44 | 40 | 34 | 33 | 35 | 27 | 25 | 25 | 20 | 23 | 34 | 43 | 44 | 38 | 41 | 42 | 24 | 21 | 30 | 45 | 30 | 33.6 |
| | MIN | 24 | 22 | 26 | 32 | 33 | 25 | 20 | 18 | 19 | 24 | 30 | 22 | 17 | 22 | 27 | 12 | 15 | 15 | 7 | 10 | 17 | 34 | 31 | 28 | 33 | 24 | 12 | 10 | 15 | 29 | 11 | 21.4 |
| LAMBERTVILLE | MAX | 32 | 38 | 44 | 35 | 44 | 37 | 27 | 26 | 30 | 40 | 45 | 42 | 30 | 38 | 38 | 32 | 28 | 30 | 23 | 28 | 34 | 45 | 45 | 38 | 43 | 41 | 30 | 23 | 31 | 46 | 35 | 35.4 |
| | MIN | 24 | 17 | 10 | 15 | 34 | 26 | 16 | 14 | 18 | 22 | 25 | 29 | 16 | 22 | 23 | 13 | 7 | 4 | 5 | 4 | 10 | 29 | 20 | 21 | 30 | 29 | 15 | 10 | 12 | 25 | 15 | 18.1 |
| LITTLE FALLS | MAX | 36 | 31 | 38 | 42 | 42 | 47 | 33 | 28 | 27 | 29 | 38 | 44 | 39 | 29 | 34 | 36 | 20 | 24 | 26 | 16 | 24 | 37 | 44 | 47 | 39 | 42 | 44 | 19 | 20 | 45 | 41 | 34.2 |
| | MIN | 21 | 19 | 22 | 20 | 30 | 25 | 17 | 15 | 15 | 16 | 26 | 28 | 14 | 15 | 21 | 7 | 3 | 5 | 2 | 5 | 11 | 20 | 26 | 22 | 31 | 33 | 13 | 7 | 11 | 13 | 15 | 17.0 |
| LONG VALLEY | MAX | 34 | 29 | 38 | 41 | 41 | 44 | 30 | 23 | 24 | 32 | 35 | 42 | 36 | 30 | 34 | 33 | 20 | 23 | 24 | 14 | 23 | 38 | 43 | 43 | 35 | 41 | 38 | 18 | 18 | 41 | 36 | 32.3 |
| | MIN | 19 | 16 | 21 | 20 | 30 | 18 | 12 | 7 | 14 | 13 | 23 | 22 | 11 | 14 | 18 | 7 | -2 | -7 | -3 | 2 | 9 | 17 | 20 | 15 | 25 | 29 | 2 | -6 | 4 | 5 | 11 | 12.5 |
| MORRIS PLAINS 1 W | MAX | 35 | 30 | 37 | 43 | 45 | 46 | 31 | 26 | 26 | 25 | 36 | 42 | 38 | 26 | 35 | 35 | 20 | 24 | 24 | 16 | 24 | 36 | 42 | 44 | 36 | 41 | 41 | 19 | 20 | 43 | 41 | 33.1 |
| | MIN | 18 | 20 | 15 | 15 | 30 | 23 | 13 | 12 | 14 | 15 | 24 | 24 | 12 | 13 | 17 | 7 | -1 | -3 | 1 | 2 | 9 | 15 | 22 | 17 | 19 | 30 | 14 | 6 | 5 | 8 | 13 | 13.8 |
| NEWARK WSO | MAX | 32 | 35 | 42 | 39 | 45 | 35 | 28 | 27 | 28 | 38 | 44 | 40 | 28 | 35 | 37 | 25 | 24 | 26 | 17 | 25 | 35 | 42 | 45 | 39 | 43 | 44 | 25 | 21 | 32 | 46 | 28 | 33.9 |
| | MIN | 25 | 20 | 19 | 27 | 35 | 25 | 20 | 18 | 19 | 27 | 30 | 21 | 18 | 24 | 25 | 13 | 9 | 12 | 7 | 10 | 17 | 33 | 30 | 27 | 34 | 25 | 11 | 10 | 13 | 28 | 11 | 20.7 |
| NEWTON | MAX | 29 | 30 | 32 | 40 | 37 | 44 | 30 | 25 | 19 | 23 | 34 | 41 | 35 | 22 | 29 | 31 | 17 | 20 | 22 | 13 | 21 | 34 | 42 | 43 | 38 | 40 | 39 | 16 | 18 | 40 | 38 | 30.4 |
| | MIN | 15 | 18 | 5 | 8 | 23 | 20 | 13 | 7 | 5 | 8 | 18 | 19 | 11 | 10 | 12 | 6 | -10 | -10 | -9 | -8 | 5 | 8 | 18 | 13 | 22 | 29 | 11 | 2 | 5 | 8 | 10 | 9.4 |
| PATERSON | MAX | 35 | 30 | 38 | 43 | 43 | 46 | 35 | 28 | 28 | 30 | 38 | 43 | 40 | 28 | 35 | 36 | 20 | 25 | 28 | 18 | 25 | 36 | 45 | 46 | 40 | 43 | 43 | 20 | 22 | 44 | 42 | 34.6 |
| | MIN | 19 | 19 | 22 | 25 | 32 | 26 | 18 | 15 | 15 | 15 | 26 | 31 | 15 | 15 | 25 | 9 | 9 | 10 | 3 | 4 | 8 | 20 | 30 | 26 | 29 | 29 | 15 | 8 | 9 | 14 | 14 | 17.9 |
| PHILLIPSBURG | MAX | 36 | 32 | 36 | 45 | 38 | 42 | 32 | 23 | 26 | 27 | 38 | 44 | 42 | 34 | 34 | 37 | 24 | 27 | 28 | 17 | 26 | 38 | 44 | 44 | 38 | 41 | 39 | 22 | 21 | 43 | 41 | 34.1 |
| | MIN | 15 | 15 | 12 | 10 | 27 | 24 | 18 | 13 | 12 | 13 | 23 | 23 | 14 | 14 | 14 | 10 | 4 | 0 | 0 | 3 | 9 | 14 | 24 | 18 | 17 | 31 | 15 | 8 | 9 | 10 | 14 | 14.0 |
| PLAINFIELD | MAX | 30 | 35 | 41 | 36 | 45 | 36 | 27 | 27 | 26 | 37 | 43 | 41 | 29 | 35 | 36 | 31 | 24 | 26 | 16 | 24 | 34 | 42 | 45 | 37 | 41 | 42 | 34 | 20 | 30 | 45 | 30 | 33.7 |
| | MIN | 22 | 14 | 14 | 18 | 36 | 26 | 17 | 15 | 17 | 24 | 27 | 29 | 16 | 22 | 22 | 11 | 6 | 4 | 3 | 5 | 15 | 31 | 25 | 20 | 30 | 34 | 16 | 8 | 8 | 30 | 14 | 18.7 |
| SOMERVILLE 3 NW | MAX | 37 | 30 | 36 | 42 | 41 | 43 | 30 | 25 | 26 | 27 | 38 | 44 | 39 | 28 | 35 | 36 | 21 | 25 | 25 | 15 | 24 | 34 | 42 | 44 | 37 | 41 | 40 | 20 | 20 | 44 | 42 | 33.3 |
| | MIN | 15 | 11 | 12 | 13 | 29 | 24 | 14 | 15 | 14 | 16 | 24 | 26 | 15 | 15 | 19 | 11 | 1 | -1 | -1 | 0 | 10 | 15 | 24 | 19 | 19 | 31 | 16 | 8 | 10 | 10 | 15 | 14.5 |
| SUSSEX 1 SE | MAX | 30 | 27 | 33 | 40 | 37 | 43 | 27 | 25 | 24 | 19 | 37 | 41 | 34 | 19 | 31 | 34 | 19 | 20 | 21 | 12 | 21 | 33 | 39 | 40 | 38 | 40 | 40 | 15 | 15 | 40 | 38 | 30.1 |
| | MIN | 10 | 0 | 10 | 5 | 18 | 13 | 0 | -2 | -2 | 3 | 15 | 15 | 8 | 5 | 8 | 0 | -14 | -14 | -14 | -9 | 0 | 5 | 15 | 6 | 8 | 28 | 8 | 0 | 3 | 3 | 8 | 4.5 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | MAX | 35 | 37 | 43 | 53 | 54 | 36 | 32 | 30 | 34 | 39 | 47 | 45 | 33 | 44 | 36 | 29 | 30 | 31 | 23 | 28 | 42 | 47 | 47 | 40 | 40 | 51 | 26 | 25 | 38 | 50 | 33 | 38.0 |
| | MIN | 26 | 19 | 19 | 19 | 34 | 24 | 20 | 17 | 24 | 21 | 27 | 28 | 17 | 28 | 26 | 10 | 11 | 5 | 3 | 4 | 10 | 28 | 25 | 21 | 35 | 26 | 14 | 12 | 9 | 33 | 11 | 19.5 |
| AUDUBON | MAX | 32 | 38 | 40 | 42 | 57 | 35 | 29 | 30 | 30 | 40 | 47 | 45 | 28 | 37 | 38 | 30 | 32 | 32 | 23 | 29 | 40 | 46 | 47 | 37 | 40 | 42 | 27 | 27 | 33 | 47 | 33 | 36.5 |
| | MIN | 23 | 15 | 21 | 22 | 34 | 25 | 20 | 17 | 23 | 23 | 26 | 26 | 16 | 25 | 28 | 16 | 10 | 12 | 10 | 13 | 18 | 28 | 27 | 24 | 32 | 26 | 12 | 12 | 13 | 31 | 13 | 20.7 |
| BELLEPLAIN ST FOREST | MAX | 35 | 42 | 45 | 50 | 60 | 41 | 33 | 31 | 32 | 38 | 44 | 48 | 43 | 44 | 40 | 37 | 31 | 31 | 28 | 29 | 39 | 50 | 49 | 42 | 40 | 50 | 36 | 25 | 32 | 47 | 39 | 39.7 |
| | MIN | 28 | 11 | 15 | 20 | 40 | 25 | 22 | 12 | 22 | 18 | 27 | 25 | 11 | 28 | 29 | 18 | 8 | 2 | 3 | 19 | 9 | 29 | 27 | 17 | 33 | 33 | 17 | 10 | 5 | 29 | 18 | 19.7 |
| BURLINGTON | MAX | 29 | 46 | | 42 | 51 | | | | | | | 44 | 43 | 48 | 36 | 32 | 28 | 25 | 29 | 22 | 38 | 40 | 42 | 40 | 37 | 37 | 37 | 31 | 28 | 44 | 37 | 36.9 |
| | MIN | 24 | 24 | | 19 | 38 | 29 | 23 | 17 | 17 | 22 | 26 | 32 | 23 | 21 | 28 | 16 | 14 | 13 | 7 | 6 | 16 | 26 | 17 | 16 | | 32 | 16 | 10 | 11 | | 16 | 20.0 |
| CHATSWORTH | MAX | 29 | 36 | 46 | 47 | 57 | 41 | 29 | 28 | 31 | | 49 | 44 | 38 | 42 | 37 | 35 | 29 | 30 | 29 | 29 | 38 | 46 | 47 | 43 | 40 | 47 | 33 | 24 | 32 | 50 | 41 | 38.2 |
| | MIN | 17 | 15 | 10 | 15 | 40 | 27 | 20 | 11 | 21 | | 20 | 26 | 12 | 25 | 25 | 9 | 7 | 2 | 2 | 2 | 8 | 29 | 24 | 17 | 33 | 33 | 11 | 8 | 7 | 24 | 12 | 17.1 |
| FREEHOLD | MAX | 34 | 30 | 35 | 42 | 55 | 44 | 32 | 28 | 27 | 28 | 38 | 46 | 41 | 35 | 39 | 36 | 26 | 27 | 29 | 17 | 25 | 39 | 42 | 44 | 37 | 44 | 42 | 21 | 21 | 42 | 45 | 35.2 |
| | MIN | 18 | 17 | 17 | 14 | 32 | 26 | 18 | 13 | 16 | 20 | 26 | 30 | 15 | 18 | 26 | 12 | 8 | 7 | 3 | 7 | 10 | 16 | 27 | 25 | 26 | 32 | 16 | 8 | 8 | 12 | 17 | 17.5 |
| GLASSBORO | MAX | 32 | 33 | 38 | 42 | 58 | 42 | 33 | 29 | 28 | 31 | 38 | 45 | 44 | 35 | 38 | 37 | 28 | 30 | 30 | 20 | 30 | 41 | 44 | 47 | 38 | 41 | 43 | 24 | 28 | 45 | 44 | 36.6 |
| | MIN | 22 | 11 | 19 | 20 | 32 | 26 | 22 | 16 | 17 | 22 | 27 | 29 | 16 | 18 | 25 | 16 | 15 | 10 | 10 | 11 | 15 | 26 | 23 | 24 | 26 | 32 | 8 | 9 | 11 | 13 | 18 | 19.0 |
| HAMMONTON 2 NNE | MAX | 36 | 36 | 45 | 44 | 60 | 48 | 34 | 33 | 32 | 40 | 41 | 47 | 44 | 39 | 41 | 37 | 29 | 32 | 34 | 22 | 29 | 42 | 48 | 47 | 38 | 43 | 50 | 25 | 25 | 49 | 47 | 39.3 |
| | MIN | 19 | 13 | 18 | 15 | 32 | 24 | 19 | 12 | 14 | 20 | 24 | 24 | 13 | 14 | 24 | 14 | 13 | 9 | 5 | 6 | 12 | 16 | 26 | 22 | 28 | 30 | 10 | 9 | 8 | 13 | 15 | 16.8 |
| HIGHTSTOWN 1 N | MAX | 32 | 35 | 40 | 41 | 55 | 37 | 26 | 25 | 27 | 38 | 44 | 40 | 31 | 38 | 36 | 32 | 25 | 27 | 22 | 25 | 36 | 42 | 45 | 37 | 39 | 44 | 30 | 22 | 31 | 47 | 35 | 35.0 |
| | MIN | 24 | 15 | 16 | 14 | 35 | 26 | 17 | 14 | 19 | 25 | 26 | 31 | 15 | 23 | 25 | 12 | 7 | 6 | 4 | 7 | 13 | 32 | 26 | 26 | 31 | 30 | 16 | 9 | 12 | 25 | 16 | 19.3 |
| INDIAN MILLS 2 W | MAX | 33 | 38 | 42 | 44 | 59 | 37 | 29 | 28 | 30 | 40 | 47 | 43 | 32 | 40 | 36 | 33 | 29 | 30 | 22 | 27 | 37 | 45 | 46 | 37 | 38 | 45 | 30 | 23 | 31 | 48 | 39 | 36.7 |
| | MIN | 25 | 14 | 16 | 15 | 37 | 27 | 20 | 11 | 20 | 18 | 22 | 29 | 14 | 25 | 24 | 15 | 6 | 2 | 1 | 1 | 6 | 28 | 23 | 18 | 32 | 30 | 15 | 9 | 8 | 26 | 14 | 17.8 |
| MILLVILLE FAA AIRPORT | MAX | 33 | 38 | 41 | 53 | 56 | 35 | 31 | 28 | 31 | 38 | 39 | 45 | 31 | 40 | 37 | 29 | 30 | 31 | 22 | 30 | 42 | 47 | 47 | 39 | 40 | 48 | 23 | 23 | 37 | 48 | 32 | 36.9 |
| | MIN | 25 | 18 | 17 | 20 | 35 | 25 | 20 | 16 | 21 | 20 | 27 | 28 | 18 | 31 | 29 | 11 | 11 | 4 | 6 | 9 | 15 | 27 | 24 | 17 | 34 | 23 | 13 | 12 | 10 | 32 | 11 | 19.6 |
| MOORESTOWN | MAX | 34 | 31 | 37 | 43 | 57 | 44 | 32 | 27 | 27 | 28 | 37 | 46 | 44 | 31 | 37 | 38 | 25 | 31 | 31 | 20 | 28 | 39 | 46 | 47 | 37 | 41 | 42 | 22 | 24 | 51 | 48 | 36.3 |
| | MIN | 20 | 15 | 20 | 18 | 30 | 27 | 21 | 16 | 17 | 21 | 23 | 24 | 15 | 17 | 29 | 17 | 15 | 8 | 8 | 9 | 13 | 21 | 27 | 23 | 31 | 31 | 18 | 11 | 11 | 15 | 28 | 19.3 |
| NEW BRUNSWICK | MAX | 34 | 31 | 35 | 39 | 42 | 44 | 30 | 25 | 25 | 30 | 38 | 45 | 40 | 32 | 35 | 36 | 21 | 24 | 25 | 15 | 24 | 37 | 41 | 44 | 37 | 41 | 43 | 20 | 21 | 47 | 43 | 33.7 |
| | MIN | 17 | 17 | 18 | 20 | 31 | 25 | 18 | 14 | 15 | 19 | 28 | 29 | 15 | 17 | 26 | 12 | 8 | 8 | 4 | 3 | 11 | 15 | 27 | 27 | 28 | 32 | 13 | 8 | 10 | 12 | 16 | 17.5 |
| PEMBERTON 3 E | MAX | 35 | 39 | 43 | 45 | 59 | 37 | 30 | 30 | 30 | 42 | 49 | 46 | 32 | 40 | 37 | 30 | 28 | 32 | 23 | 28 | 38 | 46 | 46 | 38 | 40 | 44 | 33 | 25 | 29 | 47 | 35 | 37.3 |
| | MIN | 25 | 16 | 13 | 17 | 37 | 26 | 17 | 14 | 19 | 21 | 24 | 29 | 14 | 24 | 25 | 14 | 8 | 2 | 4 | 6 | 9 | 28 | 26 | 19 | 32 | 33 | 14 | 9 | 5 | 27 | 12 | 18.4 |
| SEABROOK FARMS | MAX | 35 | 30 | 39 | 42 | 57 | 45 | 34 | 29 | 29 | 30 | 38 | 42 | 44 | 39 | 39 | 37 | 26 | 29 | 30 | 21 | 30 | 42 | 47 | 46 | 37 | 42 | 50 | 23 | 24 | 50 | 46 | 37.2 |
| | MIN | 22 | 12 | 13 | 16 | 34 | 27 | 23 | 15 | 17 | 20 | 26 | 27 | 17 | 18 | 29 | 18 | 15 | 11 | 10 | 11 | 15 | 22 | 28 | 22 | 29 | 33 | 17 | 11 | 12 | 19 | 20 | 19.6 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SHILOH | MAX | 35 | 37 | 41 | 44 | 53 | 38 | 30 | 28 | 30 | 38 | 42 | 45 | 37 | 38 | 36 | 35 | 30 | 28 | 26 | 29 | 40 | 47 | 46 | 40 | 40 | 50 | 32 | 24 | 33 | 49 | 38 | 37.4 |
| | MIN | 26 | 16 | 21 | 23 | 38 | 28 | 22 | 15 | 23 | 21 | 27 | 26 | 17 | 26 | 29 | 18 | 16 | 13 | 13 | 8 | 16 | 32 | 29 | 24 | 32 | 32 | 16 | 11 | 10 | 27 | 17 | 21.7 |
| TOMS RIVER | MAX | 35 | 32 | 38 | 41 | 56 | 50 | 33 | 29 | 28 | 30 | 43 | 47 | 43 | 40 | 43 | 37 | 23 | 23 | 30 | 19 | 26 | 42 | 45 | 47 | 40 | 45 | 49 | 22 | 23 | 51 | 47 | 37.3 |
| | MIN | 18 | 16 | 12 | 14 | 29 | 28 | 20 | 14 | 13 | 19 | 23 | 24 | 15 | 14 | 23 | 14 | 9 | 3 | 4 | 5 | 10 | 15 | 25 | 20 | 22 | 33 | 17 | 9 | 7 | 10 | 18 | 16.2 |
| TRENTON WSO | MAX | 31 | 35 | 40 | 41 | 49 | 35 | 26 | 25 | 27 | 38 | 45 | 40 | 27 | 38 | 37 | 27 | 26 | 26 | 17 | 26 | 39 | 43 | 44 | 37 | 40 | 43 | 24 | 22 | 36 | 46 | 27 | 34.1 |
| | MIN | 25 | 24 | 26 | 23 | 35 | 24 | 20 | 17 | 21 | 27 | 31 | 23 | 17 | 26 | 27 | 15 | 18 | 17 | 8 | 12 | 19 | 36 | 32 | 29 | 33 | 24 | 11 | 11 | 15 | 27 | 13 | 22.1 |
| TUCKERTON | MAX | 36 | 38 | 44 | 48 | 53 | 38 | 32 | 30 | 34 | 42 | 48 | 46 | 32 | 44 | 38 | 33 | 32 | 33 | 24 | 28 | 36 | 48 | 48 | 39 | 39 | 51 | 31 | 24 | 33 | 50 | 36 | 38.3 |
| | MIN | 28 | 17 | 18 | 19 | 37 | 26 | 22 | 13 | 22 | 19 | 24 | 28 | 14 | 28 | 25 | 13 | 5 | 3 | 2 | 4 | 8 | 28 | 24 | 18 | 33 | 30 | 12 | 9 | 8 | 26 | 14 | 18.6 |
| WOODSTOWN | MAX | 33 | 37 | 41 | 41 | 58 | 39 | 30 | 31 | 29 | 37 | 42 | 45 | 36 | 36 | 38 | 35 | 30 | 31 | 25 | 29 | 39 | 46 | 49 | 40 | 40 | 45 | 32 | 23 | 33 | 49 | 40 | 37.4 |
| | MIN | 24 | 10 | 15 | 19 | 37 | 28 | 20 | 15 | 22 | 21 | 25 | 28 | 16 | 21 | 24 | 17 | 17 | 10 | 10 | 10 | 12 | 31 | 23 | 21 | 21 | 32 | 15 | 5 | 8 | 21 | 16 | 19.2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 35 | 37 | 43 | 49 | 51 | 34 | 30 | 28 | 32 | 38 | 46 | 46 | 36 | 45 | 36 | 29 | 31 | 32 | 24 | 29 | 43 | 50 | 49 | 42 | 40 | 45 | 28 | 27 | 40 | 49 | 34 | 38.0 |
| | MIN | 28 | 22 | 26 | 30 | 34 | 25 | 22 | 18 | 24 | 24 | 28 | 28 | 22 | 35 | 29 | 22 | 22 | 19 | 16 | 15 | 20 | 37 | 33 | 31 | 36 | 28 | 17 | 16 | 19 | 34 | 16 | 25.0 |
| CAPE MAY 1 NW | MAX | 38 | 33 | 39 | 42 | 53 | 52 | 37 | 31 | 27 | 32 | 36 | 36 | 43 | 41 | 44 | 36 | 27 | 30 | 28 | 24 | 31 | 43 | 47 | 45 | 40 | 43 | 53 | 23 | 26 | 48 | 50 | 38.0 |
| | MIN | 22 | 29 | 27 | 26 | 41 | 31 | 21 | 20 | 21 | 23 | 27 | 30 | 19 | 19 | 29 | 21 | 19 | 13 | 16 | 15 | 16 | 19 | 34 | 23 | 28 | 34 | 18 | 12 | 16 | 19 | 22 | 22.9 |
| LONG BRANCH 2 5 | MAX | 35 | 36 | 42 | 45 | 55 | 37 | 29 | 27 | 29 | 41 | 46 | 42 | 31 | 41 | 37 | 32 | 27 | 27 | 22 | 25 | 34 | 43 | 45 | 39 | 43 | 44 | 29 | 23 | 32 | 50 | 36 | 36.3 |
| | MIN | 27 | 18 | 22 | 19 | 37 | 27 | 19 | 15 | 22 | 27 | 28 | 31 | 18 | 25 | 28 | 13 | 10 | 9 | 6 | 8 | 15 | 34 | 28 | 26 | 33 | 29 | 16 | 9 | 11 | 27 | 16 | 21.1 |
| SANDY HOOK | MAX | 32 | 32 | 36 | 38 | 50 | 33 | 28 | 25 | 25 | 36 | 40 | 38 | 33 | 38 | 34 | 33 | 24 | 26 | 23 | 23 | 31 | 36 | 39 | 35 | | | 33 | 19 | 26 | 44 | 32 | 32.5 |
| | MIN | 24 | 23 | 28 | 26 | 33 | 28 | 22 | 19 | 21 | 25 | 29 | 33 | 19 | 23 | 30 | 14 | 15 | 15 | 8 | 10 | 18 | 30 | 30 | 28 | | | 19 | 12 | 13 | 24 | 18 | 22.0 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 34 | 34 | 35 | 35 | 36 | 35 | 34 | 34 | 34 | 35 | 35 | 35 | 34 | 35 | 35 | 34 | 33 | 32 | 30 | 30 | 34 | 35 | 35 | 35 | 35 | 35 | 33 | 29 | 31 | 34 | 33 | 33.8 |
| | | MIN | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 32 | 32 | 33 | 34 | 34 | 33 | 34 | 34 | 32 | 32 | 30 | 29 | 29 | 29 | 33 | 33 | 32 | 34 | 33 | 25 | 24 | 24 | 31 | 26 | 31.6 |
| | 2 | MAX | 35 | 35 | 35 | 35 | 36 | 35 | 34 | 34 | 34 | 35 | 35 | 35 | 35 | 35 | 35 | 34 | 34 | 33 | 32 | 31 | 34 | 35 | 35 | 35 | 35 | 35 | 33 | 30 | 31 | 34 | 33 | 34.1 |
| | | MIN | 34 | 34 | 34 | 35 | 35 | 34 | 34 | 34 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 32 | 31 | 31 | 30 | 34 | 33 | 33 | 34 | 33 | 27 | 27 | 26 | 31 | 28 | 32.5 |
| | 4 | MAX | 36 | 36 | 37 | 37 | 36 | 37 | 36 | 37 | 36 | 35 | 36 | 35 | 37 | 35 | 35 | 36 | 36 | 36 | 36 | 35 | 34 | 33 | 36 | 36 | 35 | 35 | 36 | 34 | 30 | 33 | 34 | 35.4 |
| | | MIN | 36 | 36 | 36 | 36 | 35 | 36 | 35 | 36 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 36 | 36 | 34 | 34 | 33 | 32 | 33 | 34 | 34 | 34 | 34 | 30 | 29 | 29 | 33 | 34.2 |
| | 8 | MAX | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 37 | 37 | 37 | 38 | 37 | 36 | 38 | 38 | 38 | 38 | 37 | 37 | 35 | 36 | 36 | 37 | 36 | 37 | 36 | 34 | 35 | 34 | 37.0 |
| | | MIN | 38 | 38 | 38 | 38 | 37 | 38 | 37 | 37 | 37 | 37 | 37 | 36 | 37 | 36 | 36 | 36 | 38 | 38 | 35 | 37 | 35 | 35 | 35 | 36 | 36 | 35 | 36 | 34 | 33 | 34 | 34 | 36.3 |
| | 20 | MAX | 41 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 39 | 40 | 40 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 37 | 37 | 36 | 36 | 38.8 |
| | | MIN | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 37 | 37 | 37 | 36 | 36 | 36 | 38.5 |
| | 40 | MAX | 45 | 45 | 44 | 44 | 44 | 44 | 43 | 43 | 43 | 43 | 43 | 43 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 41 | 41 | 41 | 41 | 41 | 41 | 40 | 40 | 40 | 39 | 42.2 |
| | | MIN | 45 | 44 | 44 | 44 | 44 | 43 | 43 | 43 | 43 | 43 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 41 | 42 | 41 | 41 | 41 | 41 | 41 | 40 | 40 | 40 | 40 | 39 | 39 | 41.9 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 34 | 34 | 35 | 35 | 35 | 35 | 34 | 34 | 34 | 35 | 35 | 35 | 35 | 34 | 35 | 34 | 32 | 31 | 27 | 29 | 31 | 34 | 35 | 34 | 35 | 35 | 33 | 29 | 30 | 34 | 34 | 33.4 |
| | | MIN | 34 | 34 | 34 | 34 | 35 | 34 | 32 | 27 | 29 | 32 | 34 | 32 | 28 | 33 | 34 | 30 | 29 | 27 | 26 | 26 | 27 | 31 | 32 | 29 | 34 | 33 | 19 | 16 | 16 | 29 | 19 | 29.3 |
| | 2 | MAX | 34 | 34 | 35 | 35 | 35 | 35 | 34 | 34 | 34 | 35 | 35 | 35 | 35 | 34 | 35 | 34 | 32 | 31 | 27 | 29 | 31 | 34 | 35 | 34 | 35 | 35 | 33 | 29 | 29 | 34 | 33 | 33.4 |
| | | MIN | 34 | 34 | 34 | 34 | 35 | 34 | 33 | 28 | 29 | 32 | 34 | 32 | 28 | 33 | 34 | 30 | 29 | 27 | 26 | 26 | 27 | 31 | 32 | 29 | 34 | 33 | 20 | 17 | 16 | 29 | 20 | 29.5 |
| | 4 | MAX | 34 | 34 | 35 | 35 | 35 | 35 | 34 | 34 | 34 | 35 | 35 | 35 | 35 | 34 | 35 | 34 | 33 | 35 | 30 | 30 | 31 | 33 | 34 | 34 | 35 | 35 | 34 | 28 | 28 | 33 | 33 | 33.5 |
| | | MIN | 34 | 34 | 34 | 34 | 35 | 34 | 34 | 34 | 33 | 33 | 34 | 34 | 34 | 33 | 34 | 33 | 32 | 30 | 30 | 29 | 29 | 31 | 33 | 31 | 34 | 34 | 25 | 23 | 22 | 28 | 27 | 31.6 |
| | 8 | MAX | 35 | 36 | 36 | 36 | 36 | 36 | 36 | 35 | 35 | 35 | 36 | 35 | 35 | 35 | 36 | 35 | 35 | 34 | 34 | 35 | 33 | 33 | 34 | 34 | 35 | 35 | 34 | 31 | 30 | 33 | 33 | 34.5 |
| | | MIN | 35 | 35 | 36 | 36 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 34 | 34 | 34 | 33 | 33 | 33 | 33 | 33 | 34 | 34 | 31 | 30 | 29 | 30 | 31 | 33.8 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2 . SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# SNOWFALL AND SNOW ON GROUND

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | 8.0 | 2.0 | | | | | | | | | | | | 3.0 | .2 | T | T | | | | | | T | T | 2.0 | | T | T | T | .2 | T |
| | SN ON GND | 10 | 12 | 11 | 10 | 6 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 7 | 4 | 4 | 4 | 4 | 4 | 3 |
| CHARLOTTEBURG | SNOWFALL | 5.5 | 2.0 | | | | | | | | | | | | 3.0 | | | | | | | | | T | | 3.3 | | T | | | .5 | |
| | SN ON GND | 7 | 9 | 8 | 7 | 6 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 2 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 6 | 5 | 5 | 5 | 5 | 5 |
| FLEMINGTON 1 NE | SNOWFALL | 4.5 | 5.0 | | | | | | | | | | | | 2.0 | | | | | | | | | 1.4 | | 4.5 | | T | | | .8 | |
| | SN ON GND | 9 | 14 | 14 | 7 | 5 | 4 | 4 | 4 | 4 | 4 | 2 | 1 | 1 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 |
| LAMBERTVILLE | SNOWFALL | 7.0 | | | | | | | | | | | | | 1.0 | | T | | | | | | | 1.0 | .5 | 2.0 | T | | | | T | T |
| | SN ON GND | 7 | 6 | 5 | 4 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 |
| LITTLE FALLS | SNOWFALL | 6.5 | 4.0 | | | | | | | | | | | | 2.2 | | | | | | | | | .7 | | 2.5 | | .5 | | | | |
| | SN ON GND | 9 | 11 | 10 | 9 | 6 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 2 | 2 | 2 | 2 | 1 | 1 |
| LONG VALLEY | SNOWFALL | 8.0 | 4.0 | | | | | | | | | | | | 2.0 | | | | | | | | | 1.0 | | 3.0 | | 1.0 | 1.0 | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MORRIS PLAINS 1 W | SNOWFALL | 4.0 | 4.0 | | | | | | | | | | | | 2.0 | | .5 | T | | | T | | | .5 | | 3.0 | | 1.5 | .5 | T | 1.5 | T |
| | SN ON GND | 8 | 12 | 11 | 10 | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 6 | 2 | 4 | 4 | 4 | 2 | T |
| NEWARK WSO | SNOWFALL | 7.4 | | | | | | | | | | | | .2 | 1.9 | T | | T | | | | | | .1 | 2.7 | .2 | T | .4 | T | .3 | T | |
| | SN ON GND | 5 | - | 6 | 4 | 1 | T | T | T | T | T | T | | | 2 | 2 | 1 | - | 1 | 1 | 1 | 1 | 1 | T | | 3 | T | T | T | T | | T |
| | WTR EQUIV | .7 | .7 | .6 | .6 | | | | | | | | | | .3 | - | | | | | | | | | | .3 | | | | | | |
| NEWTON | SNOWFALL | 6.2 | 5.8 | | | | | | | | | | | | 1.6 | .1 | | | | | | | | .2 | | 3.3 | | T | | | .8 | |
| | SN ON GND | 9 | 15 | 13 | 12 | 9 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 10 | 8 | 7 | 7 | 7 | 7 | 7 |
| PATERSON | SNOWFALL | 7.4 | | | | | | | | | | | | | 2.1 | T | | | | | | | | .1 | | 2.8 | | .2 | | T | .2 | T |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PHILLIPSBURG | SNOWFALL | 6.0 | | | | | | | | | | | | | | | | | | | | | | | | 2.0 | T | | | | | |
| | SN ON GND | 6 | 2 | T | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | | | | | |
| PLAINFIELD | SNOWFALL | 6.0 | | | T | | | | | | | | | | 3.0 | | | T | | | | | | .5 | | 4.5 | T | T | | .5 | T | |
| | SN ON GND | 6 | 6 | 6 | 5 | 4 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 1 | 5 | 3 | 2 | 1 | 1 | | |
| RAHWAY | SNOWFALL | 6.0 | | | | | | | | | | | | .6 | 1.4 | | | | | | | | | T | 1.0 | 2.0 | T | | | T | T | |
| | SN ON GND | 6 | 6 | 3 | 1 | T | | | | | | | | 1 | 2 | T | | | | | | | | T | 1 | 3 | 3 | 1 | T | T | T | |
| SOMERVILLE 3 NW | SNOWFALL | 3.0 | 3.5 | | T | | | | | | | | | | 2.5 | | | | | | | | | .7 | | 3.5 | | T | | | T | T |
| | SN ON GND | 5 | 8 | 8 | 7 | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 2 | 2 | 2 | 2 | 2 | 2 |
| WANAQUE RAYMOND DAM | SNOWFALL | 6.0 | 4.0 | | | | | | | | | | | | 1.5 | | | | | | | | | 1.0 | | 4.0 | | | | | T | |
| | SN ON GND | 8 | 12 | 8 | 5 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 5 | 2 | 1 | 1 | 1 | 1 | 1 |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | SNOWFALL | 3.0 | | | | | | | | T | | | | .7 | T | 1.2 | | | | | | | | | T | | .6 | T | | .3 | T | 1.4 |
| | SN ON GND | 2 | 3 | 2 | 1 | | | | | T | | | | | | | 1 | 1 | T | T | | | | | | | | | | | | T |
| | WTR EQUIV | .3 | .3 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BASS RIVER ST FOREST | SNOWFALL | - | - | | | | | | | | | | | | | | | | | | | | | | | | T | | | | T | |
| | SN ON GND | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | SNOWFALL | 2.5 | .8 | | | | | | | | | | | | 2.0 | | | | | | | T | | T | | 1.0 | | T | | | T | T |
| | SN ON GND | 3 | 3 | | | | | | | | | | | | 2 | 1 | T | T | T | T | T | T | | T | | 1 | | | | | T | T |
| HIGHTSTOWN 1 N | SNOWFALL | 6.5 | | | | | | | | | | | | | 1.5 | T | | | | | | | | .5 | .4 | 1.9 | .2 | .1 | T | | .2 | .7 |
| | SN ON GND | 6 | 5 | 4 | 2 | T | T | T | T | T | T | T | T | T | 1 | 1 | 1 | 1 | 1 | 1 | 1 | T | T | T | T | T | T | T | T | T | T | T |
| INDIAN MILLS 2 W | SNOWFALL | 3.9 | | | | | | | | | | | | | .4 | T | | | | | | | | | T | .5 | T | T | T | | .4 | 1.0 |
| | SN ON GND | 4 | 3 | 2 | T | | | | | | | | | | | | | | | | | | | | | | | | | | | T |
| MAYS LANDING 1 W | SNOWFALL | 2.1 | .5 | | | | | | | | | | | | T | | | | | | | | | | | | | | | | .2 | |
| | SN ON GND | 2 | 3 | 2 | 1 | | | | | | | | | | T | | | | | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | SNOWFALL | 2.0 | | | | | | | | T | | | | T | T | T | | T | | | | | | | T | | T | | T | T | T | T |
| | SN ON GND | 4 | 3 | 2 | 1 | | | | | T | | | | | | | | | T | | | | | | | | | | | | | |
| MOORESTOWN | SNOWFALL | * | * | * | 4.0 | | | | | | | | | | 1.2 | T | | | | T | | | | | | .8 | T | T | | | T | T |
| | SN ON GND | - | - | - | - | - | - | | | | | | | | | T | | | | T | | | | | | 1 | | | | | | T |
| NEW BRUNSWICK | SNOWFALL | 3.2 | 1.4 | | T | | | | | | | | | | 2.7 | | | | | | | | | .5 | | 3.8 | | T | T | T | T | .2 |
| | SN ON GND | 4 | 5 | 5 | 4 | 1 | T | T | T | T | T | T | T | T | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | T | 4 | T | T | T | T | | T |
| PEMBERTON 3 E | SNOWFALL | 3.0 | | | | | | | | | | | | | .5 | T | | | | | | | | | T | .5 | | | | | | .5 |
| | SN ON GND | 3 | 3 | 2 | 1 | | | | | | | | | | | | | | | | | | | | T | | | | | | | 1 |
| SEABROOK FARMS | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| TRENTON WSO | SNOWFALL | 6.0 | | | | | | | | | | | | .9 | 1.0 | T | | | | | | | | .2 | 1.0 | .1 | .6 | T | T | .7 | .5 | |
| | SN ON GND | 3 | 6 | 4 | 3 | T | T | | | | | | | | 1 | 1 | T | T | T | T | T | T | T | T | | 1 | | T | | | | T |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2 S | SNOWFALL | 4.9 | | | | | | | | | | | | | 1.3 | | | | | | | | | T | T | 1.0 | .2 | T | | | .2 | .9 |
| | SN ON GND | 5 | 4 | 3 | 1 | | | | | | | | | | 1 | T | T | T | T | T | | | | | | | T | | | | | T |

See Reference Notes Following Station Index

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES |  |  |  | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  | TEMP. | PRECIP. | EVAP. | SPECIAL |  |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 |  |  |  | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WSO | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID |  | C HJ | NATL WEATHER SERVICE |
| #ATLANTIC CITY R | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID |  | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P |  |  | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 |  | 9A |  | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P |  |  | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A |  | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 |  | 7A |  |  | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 |  | 7A |  |  | N BRUNSWICK WATER RLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A |  |  | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 |  | 7A |  |  | ALBERT N. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P |  |  | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 |  | 8A |  |  | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A |  | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 |  | 9A |  |  | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A |  | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 |  |  |  | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A |  | N | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P |  |  | EARL N. KERCHNER |
| CLINTON 2 N | 1754 | 01 | HUNTERDON | 10 | 40 40 | 74 55 | 350 |  |  |  | C | NJ BUREAU OF WTR SUPPLY |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P |  |  | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A |  | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A |  | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 |  | 7A |  |  | JOHN LOPER |
| FREEHOLD | 3181 | 03 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A |  | C N | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A |  | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 |  | 7A |  |  | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A |  |  | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A |  |  | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P |  | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P |  | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID |  |  | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P |  | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A |  |  | INACTIVE 9/1/70 |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A |  | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P |  | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A |  | H | MRS. ALICE A. HOLZ |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 |  | 7A |  |  | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 |  |  |  | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | [illegible] | 39 27 | 74 45 | 20 |  | 9A |  | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 |  | MID |  |  | RIDGEWOOD WATER CO. |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | [illegible] | 39 22 | 75 04 | 68 | MID | MID |  | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 |  | 7A |  |  | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | 8A | 8A |  | H | US DEPT OF AGRICULTURE |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A |  | H | JOSEPH N. GARRIS, III |
| MOUNT HOLLY | 5866 | 02 | BURLINGTON | 2 | 39 59 | 74 48 | 10 |  |  |  | C | J. WESLEY GOODFELLOW |
| NEWARK WSO | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID |  | C HJ | NATL WEATHER SERVICE |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 614[illegible] | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 |  | MID |  | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A |  | C H | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 |  | 8A |  |  | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A |  | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A |  | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P |  | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 |  | 8A |  |  | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 |  | MID |  |  | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 |  | MID |  | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 |  | 10A |  |  | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P |  |  | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P |  |  | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A |  | N | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 |  | 10A |  |  | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 |  |  |  |  | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A |  |  | MRS. WILDA MILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A |  |  | TOMS RIVER WATER CO. |
| #TRENTON WSO R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID |  | C HJ | NATL WEATHER SERVICE |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P |  |  | LAWRENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 |  | 8A |  | H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 |  |  |  |  | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 |  | 7A |  |  | ROBERT N. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 |  | 7A |  |  | N.J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 |  | MID |  |  | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P |  |  | CREAM VALLEY DAIRY |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN 11-ROCKAWAY

# REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 1:00 p.m., e.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.

No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

S Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-NOAA-ASHEVILLE-3/2/71-920

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# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
FEBRUARY 1971
Volume 76 No. 2

THE LIBRARY OF THE
APR 20 1971
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | Temperature | | | | | | | | | No. of Days | | | | Precipitation | | | | Snow, Sleet | | | No. of Days | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 37.8 | 21.0 | 29.4 | - 1.9 | 55 | 27 | 0 | 3 | 989 | 0 | 6 | 23 | 1 | 5.24 | 2.12 | 1.34 | 14 | 9.3 | 6 | 9+ | 9 | 4 | 2 |
| BOONTON 1 SE | 38.0M | 22.5M | 30.3M | .8 | 58 | 28 | 1 | 3+ | 967 | 0 | 6 | | 0 | 5.18 | 2.45 | 1.06 | 14 | 4.5 | 3 | 8 | 10 | 4 | 2 |
| CANOE BROOK | 38.8 | 19.8 | 29.3 | - .3 | 61 | 28 | - 2 | 3 | 998 | 0 | 7 | 27 | 1 | 5.24 | 2.28 | 1.13 | 8 | .5 | 2 | 3+ | 9 | 5 | 1 |
| CHARLOTTEBURG | 34.3 | 18.3 | 26.3 | - 2.8 | 54 | 28 | - 3 | 1 | 1078 | 0 | 10 | 25 | 4 | 5.87 | 2.70 | 1.64 | 14 | 6.8 | 5 | 12+ | 10 | 5 | 2 |
| CRANFORD | 42.4 | 25.3 | 33.9 | | 63 | 27 | 3 | 3 | 866 | 0 | 5 | 18 | 0 | 5.18 | | 1.05 | 8 | .8 | T | 17+ | 8 | 5 | 1 |
| ESSEX FELLS SERV BLDG | 38.3 | 22.4 | 30.4 | | 65 | 28 | 0 | 3 | 964 | 0 | 7 | 25 | 1 | 4.56 | | .92 | 13 | | 2 | 2+ | 9 | 4 | 0 |
| FLEMINGTON 1 NE | 38.4 | 20.2 | 29.3 | - 3.0 | 61 | 28 | - 3 | 3 | 994 | 0 | 9 | 25 | 2 | 5.96 | 3.18 | 1.24 | 14 | 2.4 | 3 | 5 | 10 | 5 | 3 |
| HIGH POINT PARK | 32.0 | 9.1 | 20.6 | | 50 | 19 | -10 | 2 | 1240 | 0 | 13 | 26 | 10 | 4.35 | | 1.49 | 14 | 10.7 | | | 10 | 3 | 1 |
| JERSEY CITY | 40.0 | 29.5 | 34.8 | 2.1 | 63 | 27 | 7 | 2+ | 842 | 0 | 5 | 14 | 0 | 2.90 | .00 | .62 | 20 | | | | 7 | 3 | 0 |
| LAMBERTVILLE | 42.6 | 25.5 | 34.1 | 1.6 | 63 | 27 | 2 | 3 | 858 | 0 | 5 | 18 | 0 | 5.05 | 2.33 | 1.18 | 13 | T | 1 | 4+ | 8 | 5 | 2 |
| LITTLE FALLS | 39.1 | 24.1 | 31.6 | - .1 | 62 | 28 | 3 | 3 | 928 | 0 | 6 | 21 | 0 | 5.16 | 2.09 | 1.09 | 14 | 2.0 | 1 | 18+ | 9 | 4 | 1 |
| LONG VALLEY | 36.4 | 20.6 | 28.5 | | 56 | 28 | - 2 | 3 | 1017 | 0 | 9 | 25 | 4 | 5.38 | 2.36 | 1.03 | 8 | .5 | | | 9 | 5 | 1 |
| MORRIS PLAINS 1 W | 38.0 | 20.6 | 29.3 | | 60 | 28 | - 1 | 1 | 992 | 0 | 6 | 25 | 1 | 5.66 | | 1.34 | 14 | 3.8 | 1 | 18+ | 10 | 5 | 1 |
| NEWARK WSO R | 41.5 | 28.8 | 35.2 | 2.5 | 64 | 27 | 7 | 2+ | 827 | 0 | 5 | 15 | 0 | 4.44 | 1.64 | .93 | 27 | 1.1 | T | 18+ | 8 | 5 | 0 |
| NEWTON | 35.8 | 17.5 | 26.7 | - 1.4 | 53 | 28 | - 9 | 3 | 1069 | 0 | 7 | 26 | 4 | 4.96 | 2.39 | 1.15 | 14 | 9.1 | 13 | 8 | 11 | 4 | 2 |
| PATERSON | 39.7 | 25.0 | 32.4 | .3 | 65 | 28 | 5 | 2+ | 908 | 0 | 6 | 18 | 0 | 6.31 | 3.16 | 1.70 | 8 | .8 | | | 8 | 4 | 4 |
| PHILLIPSBURG | 37.6 | 21.9 | 29.8 | - 1.6 | 56 | 28 | 3 | 3 | 979 | 0 | 5 | 23 | 0 | 5.85 | 2.79 | 1.38 | 8 | | | | 10 | 4 | 2 |
| PLAINFIELD | 42.2 | 25.0 | 33.6 | 1.1 | 63 | 27 | 2 | 3 | 872 | 0 | 4 | 19 | 0 | 4.92 | 1.90 | 1.00 | 8 | 1.0 | 1 | 18+ | 9 | 5 | 1 |
| SOMERVILLE 3 NW | 38.7 | 21.1 | 29.9 | - 2.1 | 60 | 28 | 0 | 3 | 976 | 0 | 8 | 23 | 1 | 4.85 | 2.10 | .98 | 23 | 1.0 | 2 | 6+ | 7 | 4 | 0 |
| SUSSEX 1 SE | 34.7M | 13.3M | 24.0M | - 4.9 | | | -12 | 3+ | 1144 | 0 | 9 | | 4 | 4.98 | 2.26 | 1.12 | 14 | | | | 10 | 4 | 2 |
| DIVISION | | | 30.0 | - .9 | | | | | | | | | | 5.10 | 2.18 | | | 3.4 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 44.5 | 26.8 | 35.7 | 1.0 | 70 | 27 | - 1 | 1 | 814 | 0 | 4 | 17 | 1 | 5.26 | 2.13 | 1.90 | 22 | 1.9 | 1 | 4 | 9 | 3 | 2 |
| AUDUBON | 45.0 | 28.3 | 36.7 | | 67 | 20 | 7 | 2 | 788 | 0 | 5 | 17 | 0 | 5.87 | | 1.23 | 7 | T | T | 14+ | 8 | 5 | 3 |
| BELLEPLAIN ST FOREST | M | 25.2 | M | | 69 | 27 | - 9 | 1 | | 0 | | 19 | 3 | 5.91 | 2.73 | 1.59 | 8 | 1.3 | 1 | 4 | 7 | 4 | 2 |
| BURLINGTON | 43.6 | 29.3M | 36.5M | 1.6 | 60 | 27 | 7 | 2 | 788 | 0 | 5 | | 0 | 6.26 | 3.36 | 1.40 | 8 | T | T | 7+ | 9 | 6 | 1 |
| CHATSWORTH | 46.4 | 25.0 | 35.7 | | 71 | 27 | - 5 | 1 | 814 | 0 | 4 | 19 | 2 | 5.48 | | 2.00 | 8 | | | | 8 | 3 | 2 |
| FREEHOLD | 40.3 | 25.0 | 32.7 | - .3 | 64 | 28 | 2 | 3 | 901 | 0 | 7 | 19 | 0 | 4.83 | 1.69 | 1.50 | 8 | .5 | T | 18+ | 9 | 4 | 1 |
| GLASSBORO | 42.7 | 26.1 | 34.4 | | 68 | 21 | 4 | 1 | 849 | 0 | 5 | 18 | 0 | 5.40 | | 1.30 | 22 | .9 | 1 | 14 | 9 | 4 | 3 |
| HAMMONTON 2 NNE | 44.3 | 24.1 | 34.2 | - .3 | 70 | 28 | 1 | 1 | 858 | 0 | 5 | 19 | 0 | 6.55 | 3.30 | 1.89 | 8 | .0 | 0 | | 8 | 4 | 2 |
| HIGHTSTOWN 1 N | 42.9 | 26.4 | 34.7 | 1.8 | 65 | 27 | 2 | 3 | 844 | 0 | 5 | 18 | 0 | 4.60 | 1.87 | 1.33 | 8 | .6 | T | 17+ | 8 | 3 | 1 |
| INDIAN MILLS 2 W | 44.5 | 25.3 | 34.9 | 1.1 | 68 | 27 | - 5 | 1 | 834 | 0 | 5 | 18 | 2 | 0 5.74 | 2.63 | 2.00 | 8 | 1.0 | T | 17+ | 7 | 5 | 1 |
| MILLVILLE FAA AIRPORT | 44.4 | 26.3 | 35.4 | | 67 | 27 | - 2 | 1 | 822 | 0 | 4 | 17 | 1 | 7.64 | | 2.24 | 22 | .5 | T | 4 | 8 | 4 | 3 |
| MOORESTOWN | 42.9 | 27.0 | 35.0 | 1.6 | 66 | 21 | 7 | 2+ | 833 | 0 | 5 | 18 | 0 | 5.19 | 2.46 | | | T | T | 18+ | | | |
| NEW BRUNSWICK | 39.6 | 24.9 | 32.3 | - .5 | 63 | 28 | 4 | 3 | 910 | 0 | 6 | 19 | 0 | 5.01 | 2.24 | 1.18 | 23 | .7 | 1 | 18 | 10 | 4 | 2 |
| PEMBERTON 3 E | 45.5 | 25.7 | 35.6 | 1.3 | 68 | 27 | - 2 | 3 | 817 | 0 | 5 | 18 | 2 | 4.52 | 1.64 | 1.77 | 8 | .2 | T | 17+ | 7 | 3 | 1 |
| SEABROOK FARMS | 42.0M | 24.8M | 33.4M | | 67 | 28 | 4 | 1 | 905 | 0 | 5 | | 0 | 6.61 | | 1.64 | 8 | .0 | 0 | | 9 | 4 | 4 |
| SHILOH | 44.5 | 27.4 | 36.0 | 1.1 | 66 | 27+ | 4 | 2 | 809 | 0 | 5 | 17 | 0 | 4.76 | 1.87 | 1.42 | 8 | | | | 7 | 3 | 2 |
| TOMS RIVER | 43.1 | 22.9 | 33.0 | | 72 | 28 | - 1 | 3+ | 891 | 0 | 5 | 21 | 3 | 6.29 | | 2.55 | 8 | 1.0 | 1 | 4 | 8 | 4 | 2 |
| TRENTON WSO R | 42.0 | 29.3 | 35.7 | 2.3 | 63 | 27 | 7 | 2 | 813 | 0 | 5 | 13 | 0 | 4.96 | 2.37 | 1.10 | 7 | 1.2 | T | 18+ | 9 | 5 | 1 |
| TUCKERTON | 44.7 | 25.6 | 35.2 | | 72 | 27 | - 4 | 1 | 830 | 0 | 5 | 19 | 1 | 5.45 | | 1.52 | 22 | 1.2 | 1 | 4 | 6 | 4 | 2 |
| WOODSTOWN | 45.4 | 25.6 | 35.5 | | 67 | 20 | 0 | 2 | 820 | 0 | 5 | 20 | 1 | 6.11 | | 1.55 | 8 | T | 1 | 1 | 7 | 5 | 3 |
| DIVISION | | | 34.9 | 1.2 | | | | | | | | | | 5.62 | 2.63 | | | .6 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 44.3 | 31.8 | 38.1 | 2.4 | 63 | 27 | 12 | 2 | 749 | 0 | 4 | 12 | 0 | 4.31 | .93 | 1.96 | 22 | | | | 7 | 3 | 1 |
| CAPE MAY 1 NW | 42.8 | 27.8 | 35.3 | | 66 | 28 | 10 | 3+ | 824 | 0 | 5 | 17 | 0 | 4.42 | | 1.65 | 23 | | T | 4 | 7 | 3 | 2 |
| LONG BRANCH 2 S | 42.2 | 26.7 | 34.5 | 1.5 | 67 | 27 | 3 | 3 | 849 | 0 | 5 | 18 | 0 | 5.51 | 1.97 | 2.23 | 8 | .5 | 1 | 17 | 9 | 5 | 1 |
| SANDY HOOK | 38.7M | 28.0M | 33.4M | | 54 | 27 | | | 880 | 0 | 5 | 19 | 0 | 4.75 | | 1.98 | 8 | | | | 5 | 5 | 2 |
| DIVISION | | | 35.3 | 1.0 | | | | | | | | | | 4.75 | 1.63 | | | .5 | | | | | |

## EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>2 STATIONS | 72 | DATE | 28+ |
| LOWEST TEMPERATURE<br>SUSSEX 1 SE | - 12 | DATE | 03+ |
| GREATEST TOTAL PRECIPITATION<br>MILLVILLE FAA AIRPORT | 7.64 | | |
| LEAST TOTAL PRECIPITATION<br>JERSEY CITY | 2.90 | | |
| GREATEST 1 DAY PRECIPITATION<br>TOMS RIVER | 2.55 | DATE | 08 |
| GREATEST TOTAL SNOWFALL<br>BRANCHVILLE | 12.0 | | |
| GREATEST DEPTH OF SNOW<br>BRANCHVILLE | 14 | DATE | 08 |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 5.24 | | | | | .25 | .32 | T | 1.12 | .35 | | | | .05 | 1.34 | | | | .03 | .18 | .08 | .12 | T | .78 | | | | .62 | T | | | |
| BERNARDSVILLE 2 E | 5.85 | | | | | .24 | .60 | | 1.10 | .51 | | | | .05 | .94 | | | | .09 | | .05 | .16 | | 1.06 | .03 | | | 1.02 | | | | |
| BLACKWELLS MILLS | 4.61 | | | | | .16 | .27 | | 1.13 | .45 | | | | | .63 | | | | .09 | | | | | 1.05 | | | | .83 | | | | |
| BOONTON 1 SE | 5.18 | | | | | .11 | .44 | | 1.02 | T | T | | | .22 | 1.06 | T | | | .11 | | .15 | .16 | | .96 | .05 | | | .90 | | | | |
| BOUND BROOK 2 W | 4.48 | | | | | .27 | .36 | | 1.09 | .52 | | | | .20 | .58 | | | | .08 | | .01 | .07 | | 1.06 | T | | | .24 | | | | |
| BRANCHVILLE | 5.42 | | | | | .22 | .32 | | 1.26 | .40 | | | | | 1.28 | | | | .10 | | .07 | .16 | | .82 | .17 | | | .62 | | | | |
| CANISTEAR RESERVOIR | 5.19 | | | | | .32 | .34 | | .94 | .16 | T | | | | 1.51 | | | | .09 | | .07 | .16 | | .95 | .15 | T | | .50 | | | | |
| CANOE BROOK | 5.24 | | | | | .23 | .53 | | 1.13 | .45 | T | | | .12 | .80 | | | | .08 | | .05 | .11 | | .95 | .02 | | | .77 | T | | | |
| CHARLOTTEBURG | 5.87 | | | | | .16 | .51 | | 1.06 | .44 | T | | | | 1.64 | | | | .10 | | .06 | .20 | | .93 | .14 | T | | .63 | | | | |
| CRANFORD | 5.18 | | | | | .74 | | T | 1.05 | .44 | | | | .83 | T | | | T | .08 | | .14 | | .54 | .46 | T | | | .90 | | | | |
| ESSEX FELLS SERV BLDG | 4.56 | | | | | .30 | .37 | | .90 | .30 | T | | | .92 | .04 | | | | .10 | | .13 | T | | .85 | T | | | .65 | | | | |
| FLEMINGTON 1 NE | 5.96 | | | | T | .35 | .38 | | 1.15 | .58 | | | | T | 1.24 | | | T | .10 | | .05 | .12 | T | 1.21 | .10 | | | .68 | | | | |
| GREENWOOD LAKE | 6.18 | | | | | .15 | .52 | | .95 | .55 | | | | | 1.78 | | | | .10 | | .05 | .23 | | .95 | .15 | | | .75 | | | | |
| HIGH POINT PARK | 4.35 | | | | | .21 | .17 | | .25 | .15 | | | | .05 | 1.49 | | | | .04 | | .10 | .20 | | .90 | .17 | | | .62 | | | | |
| JERSEY CITY | 2.90 | | | | | .15 | T | .10 | .49 | | | | | T | | | | T | | | .62 | | .61 | .33 | | | | .60 | | | | |
| LAMBERTVILLE | 5.05 | | | | T | .50 | | | 1.16 | .30 | | | | 1.18 | .03 | | | .09 | | T | .12 | .05 | .57 | .43 | | | | .62 | | | | |
| LITTLE FALLS | 5.16 | | | | | .27 | .38 | | .97 | .13 | | | | .33 | 1.09 | | | | .09 | | .11 | .01 | | .96 | .03 | | | .79 | | | | |
| LONG VALLEY | 5.38 | | | | | .20 | .35 | | 1.03 | .37 | | | | .65 | .96 | | | | .04 | | .27 | | | .84 | .04 | | | .63 | | | | |
| MAHWAH | 5.58 | | | | | .15 | .48 | | .75 | .42 | | | | .04 | 1.26 | | | | .08 | | .13 | .13 | | .99 | .07 | | | 1.08 | | | | |
| MIDLAND PARK | 5.16 | T | T | T | .02 | .75 | T | 1.40 | .30 | T | T | T | T | .77 | T | T | T | .09 | T | T | .09 | | .80 | .10 | | | .08 | .76 | | | | |
| MILTON | 5.68 | | | | | .20 | .42 | | .66 | .33 | .42 | | | | 1.50 | .08 | | | .13 | | .12 | .20 | | .80 | .24 | | | .58 | | | | |
| MORRIS PLAINS 1 W | 5.66 | | | | | .17 | .47 | | .93 | .50 | T | | | T | 1.34 | | | | .10 | | .11 | .15 | | .94 | .05 | | | .90 | | | | |
| NEWARK WSO R | 4.44 | | | | .02 | .56 | | .62 | .33 | T | | | | .78 | .04 | | | .06 | | | .17 | | .64 | .25 | | | .04 | .93 | | | | |
| NEW MILFORD | 5.71 | | | | | .72 | | .61 | .94 | .02 | | | | 1.05 | | | | .10 | | | .20 | | .72 | .32 | | | | 1.03 | | | | |
| NEWTON | 4.96 | | | | | .21 | .32 | | 1.13 | .34 | T | | | .02 | 1.15 | | | | .11 | | .10 | .14 | | .66 | .13 | | | .65 | T | | | |
| OAK RIDGE RESERVOIR | 5.79 | | | | | .22 | .62 | | 1.11 | .33 | | | | .08 | 1.36 | .05 | | | .12 | | .11 | .21 | | .81 | .24 | | | .53 | | | | |
| PATERSON | 6.31 | | | | | | | | 1.70 | .42 | T | | | .38 | 1.13 | | | | .10 | | .22 | .05 | | 1.08 | .08 | T | | 1.15 | | | | |
| PHILLIPSBURG | 5.85 | | | | | .27 | .37 | | 1.38 | .38 | | | | .06 | 1.25 | | | | .12 | | .09 | .16 | .97 | .10 | | | | .70 | | | | |
| PLAINFIELD | 4.92 | | | | T | .63 | | T | 1.00 | .46 | | | | .69 | T | | | .10 | | | .12 | | .65 | .42 | | | | .85 | | | | |
| POTTERSVILLE 2 NNW | 5.80 | | | | | .31 | .39 | | 1.13 | .43 | | | | .02 | 1.21 | | | | .15 | | .17 | .08 | | .95 | .11 | | | .85 | | | | |
| RAHWAY | 4.71 | | | | | .60 | | .89 | .46 | | | | | .60 | | | | .06 | | .15 | .04 | | .78 | .30 | | | .02 | .81 | | | | |
| RINGWOOD | 4.37 | | | | | .40 | .25 | | .95 | .42 | | | | .56 | 1.00 | T | T | T | T | | .15 | T | T | .64 | | | | T | | | | |
| SOMERVILLE 3 NW | 4.85 | | | | T | .24 | .37 | T | .95 | .49 | | | | .04 | .81 | | | | .07 | | .04 | .08 | | .98 | .02 | | | .75 | .01 | | | |
| SPLIT ROCK POND | 6.64 | | | | | | .25 | | 1.15 | .35 | .01 | | | .10 | 1.65 | | | | .23 | | | | | 1.35 | .70 | | | .85 | | | | |
| SUSSEX 1 SE | 4.98 | | | | | .24 | .13 | | 1.11 | .43 | | | | | 1.12 | | T | | .13 | | .06 | .15 | | .79 | .15 | | | .67 | | | | |
| WANAQUE RAYMOND DAM | 5.93 | | | | | .32 | .50 | | .90 | .48 | | | | T | 1.51 | | | | .10 | | .05 | .18 | | .96 | .03 | | | .90 | | | | |
| WERTSVILLE | 5.15 | | | | T | .28 | .27 | | 1.00 | .42 | | | | .11 | .98 | | | T | .11 | T | .08 | | T | 1.11 | .04 | | | .75 | | | | |
| WEST WHARTON | 5.17 | | | | | .14 | .48 | | 1.08 | .28 | .03 | | | | 1.30 | | | | .09 | | .09 | .18 | | .77 | .11 | | | .62 | | | | |
| WOODCLIFF LAKE | 6.14 | | | | .02 | .76 | | .77 | .97 | .05 | | | | 1.10 | | | | .10 | | | .27 | | .65 | .35 | .03 | | | 1.05 | .02 | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 5.26 | | | | .21 | .25 | | 1.32 | .22 | | | | | .17 | .02 | | | .09 | | | .04 | | 1.90 | .10 | | | .20 | .74 | | | | |
| AUDUBON | 5.87 | | | | T | .47 | | 1.23 | .48 | | | | | 1.04 | T | | | T | | | .20 | | .80 | .62 | | | T | 1.03 | | | | |
| BASS RIVER ST FOREST | 4.51 | | | | | .36 | | | 1.85 | | | | | .09 | | | | | .06 | | | .18 | | 1.97 | | | | | | | | |
| BELLEPLAIN ST FOREST | 5.91 | | | | .07 | .30 | | T | 1.59 | .15 | | | | .49 | T | | | T | .08 | | T | .04 | .92 | 1.37 | | | | .90 | | | | |
| BURLINGTON | 6.26 | | | | T | .60 | | T | 1.40 | .23 | | | | .82 | .88 | .04 | .03 | .06 | | | .05 | .40 | .29 | .54 | | | | .92 | | | | |
| CANTON | 5.93 | | | | | | .29 | | 1.40 | .30 | | | | .45 | 1.22 | | | | .05 | | .04 | | .37 | 1.23 | | | | .58 | | | | |
| CHATSWORTH | 5.48 | | | | .02 | .37 | | | 2.00 | .35 | | | | .26 | | | | | | | | .10 | .48 | 1.11 | | | | .79 | | | | |
| FORTESCUE | 5.78 | | | | | .15 | .32 | | 1.33 | .24 | | | | .25 | .60 | | | | .34 | | | | .25 | 1.65 | | | | .65 | | | | |
| FREEHOLD | 4.83 | | | | | .29 | .21 | T | 1.50 | .34 | T | | | .03 | .53 | | | | .10 | T | T | .14 | | .87 | .01 | | | .81 | | | | |
| GLASSBORO | 5.40 | | | | .01 | .20 | | 1.26 | .40 | .05 | | | | 1.01 | .07 | | | | .09 | .05 | .10 | | 1.30 | .10 | | | .11 | .65 | | | | |
| HAMMONTON 2 NNE | 6.55 | | | | | .45 | | | 1.89 | .32 | | | | .60 | .47 | | | | | | .01 | .05 | .10 | 1.72 | .01 | | | .93 | | | | |
| HIGHTSTOWN 1 N | 4.60 | | | | T | .52 | | T | 1.33 | .27 | | | | .48 | .02 | | T | .08 | | | .05 | .10 | .43 | .48 | | | | .84 | | | | |
| INDIAN MILLS 2 W | D 5.74 | T | | | D .03 | .42 | | .05 | 2.00 | .19 | | | | .55 | .06 | | | .08 | | | .01 | .09 | .83 | .53 | | | | .90 | | | | |
| MAYS LANDING 1 W | 6.51 | .13 | | | .03 | .28 | .13 | | 1.88 | .30 | | | | T | .42 | | | | .07 | | | T | .02 | 2.23 | T | | | 1.02 | | | | |
| MILLVILLE FAA AIRPORT | 7.64 | T | | | .09 | .28 | | 2.06 | .47 | | | | | 1.13 | .03 | | | .07 | | | .08 | | 2.24 | .12 | | | .32 | .75 | | | | |
| MOORESTOWN | 5.19 | | | | T | .29 | | * | 1.27 | .42 | | | | .80 | .03 | | | | .08 | | | | .18 | 1.20 | T | | | .92 | | | | |
| NEW BRUNSWICK | 5.01 | | | | | .18 | .53 | | 1.11 | .40 | T | | | .12 | .37 | | T | | .07 | | .13 | .12 | T | 1.18 | T | | T | .80 | | | | |
| PEMBERTON 3 E | 4.52 | | | | .01 | .40 | | | 1.77 | .23 | | | | .51 | .02 | | | .09 | | | .02 | .04 | .35 | .69 | | | | .39 | | | | |
| PRINCETON WATER WORKS | 3.63 | | | .01 | .04 | .14 | | .95 | .35 | T | | | | .36 | T | | | .08 | | | .16 | | .60 | .06 | | | .08 | .80 | | | | |
| SEABROOK FARMS | 6.61 | | | | .01 | .22 | .11 | | 1.64 | .47 | | | | .31 | 1.01 | | | | .08 | | .03 | .10 | | 1.61 | | | | 1.02 | | | | |
| SHILOH | 4.76 | | | | .03 | .30 | | | 1.42 | .25 | | | | .88 | .07 | | | | | | | | 1.03 | .31 | | | | .47 | | | | |
| TOMS RIVER | 6.29 | | | | .01 | .40 | .16 | T | 2.55 | .30 | | | | | .51 | T | | | .01 | | | .17 | | 1.37 | .01 | | | .80 | | | | |
| TRENTON WSO R | 4.96 | | | | .05 | .55 | | 1.10 | .42 | .02 | | | | .66 | .02 | | T | .07 | | T | .30 | | .65 | .32 | | | .11 | .69 | | | | |
| TUCKERTON | 5.45 | T | | | .06 | .36 | T | T | 1.45 | .02 | | | | .26 | T | | | .07 | | | .04 | | 1.52 | .81 | T | | | .86 | | | | |
| WOODSTOWN | 6.11 | T | | | T | .33 | | | 1.55 | .31 | | | | 1.30 | .05 | | | .08 | T | | .05 | .07 | 1.08 | .54 | | | | .75 | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 4.31 | | | | .22 | .22 | | .66 | .20 | | | | | .09 | | | | .09 | | | .02 | | 1.96 | .04 | | | .12 | .69 | | | | |
| CAPE MAY 1 NW | 4.42 | | | | T | .16 | .20 | | 1.15 | .27 | | | | | .37 | | | | .04 | | | T | .03 | 1.65 | T | | | .55 | | | | |
| LONG BRANCH 2 S | 5.51 | | | | T | .55 | | | 2.23 | .16 | | | | .53 | T | | | .10 | | | .04 | .18 | .38 | .53 | T | T | | .81 | | | | |
| SANDY HOOK | 4.75 | | | | | .52 | | | 1.98 | | | | | | | | .51 | | .05 | | | | | 1.17 | | | | .52 | | | | |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Standard of Time EASTERN | | | | | | | | | | | | |
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WSO | 26 | 4.1 | 11.1 | 35++ | 18 | 13 | 69 | 71 | 55 | 64 | 0 | 3 | 6 | 1 | 2 | 0 | 12 | 43 | 6.8 |
| ATLANTIC CITY ST. MARINA | - | - | - | 40 | S | 13 | - | - | - | - | 0 | 4 | 4 | 2 | 1 | 0 | 11 | - | - |
| NEWARK WSO | 26 | 4.1 | 11.3 | 29++ | 24 | 28 | 78 | 78 | 59 | 67 | 1 | 4 | 3 | 5 | 0 | 0 | 13 | - | 7.3 |
| TRENTON WSO | - | - | - | 41 | SW | 13 | - | - | - | - | 2 | 4 | 4 | 4 | 1 | 0 | 15 | 52 | 6.7 |

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 22 | 14 | 17 | 20 | 34 | 36 | 42 | 35 | 35 | 33 | 23 | 41 | 51 | 50 | 31 | 33 | 39 | 38 | 49 | 44 | 42 | 49 | 37 | 41 | 46 | 48 | 55 | 54 | | | | 37.8 |
| | MIN | 1 | 2 | 0 | 2 | 17 | 27 | 21 | 28 | 31 | 9 | 9 | 9 | 30 | 20 | 20 | 20 | 15 | 19 | 32 | 33 | 35 | 33 | 33 | 31 | 34 | 23 | 27 | 28 | | | | 21.0 |
| BOONTON 1 SE | MAX | 21 | 11 | 15 | 23 | 30 | 36 | 43 | 37 | 36 | 34 | 23 | 39 | 52 | 51 | | | 38 | 38 | 48 | 47 | 43 | 49 | 36 | 40 | 41 | 44 | 54 | 58 | | | | 38.0 |
| | MIN | 1 | 3 | 1 | 5 | 13 | 27 | 26 | 25 | 33 | 11 | 9 | 12 | 29 | 22 | | | 18 | 18 | 30 | 37 | 36 | 34 | 33 | 31 | 32 | 24 | 30 | 44 | | | | 22.5 |
| CANOE BROOK | MAX | 23 | 14 | 18 | 24 | 32 | 34 | 44 | 38 | 37 | 33 | 24 | 39 | 53 | 52 | 36 | 32 | 40 | 40 | 51 | 49 | 42 | 52 | 35 | 41 | 46 | 41 | 55 | 61 | | | | 38.8 |
| | MIN | 3 | 2 | -2 | 2 | 10 | 26 | 20 | 26 | 31 | 11 | 10 | 12 | 30 | 23 | 20 | 18 | 16 | 18 | 23 | 31 | 32 | 34 | 23 | 31 | 32 | 21 | 21 | 31 | | | | 19.8 |
| CHARLOTTEBURG | MAX | 17 | 9 | 12 | 25 | 27 | 34 | 40 | 36 | 32 | 31 | 19 | 35 | 47 | 48 | 27 | 29 | 33 | 34 | 46 | 45 | 40 | 43 | 34 | 35 | 38 | 40 | 50 | 54 | | | | 34.3 |
| | MIN | -3 | -1 | -2 | -2 | 7 | 27 | 22 | 23 | 30 | 7 | 4 | 5 | 22 | 21 | 18 | 19 | 12 | 12 | 33 | 34 | 32 | 31 | 31 | 28 | 28 | 20 | 20 | 33 | | | | 18.3 |
| CRANFORD | MAX | 19 | 16 | 26 | 29 | 35 | 44 | 42 | 38 | 37 | 30 | 41 | 55 | 55 | 51 | 33 | 39 | 42 | 54 | 48 | 43 | 51 | 48 | 42 | 43 | 47 | 54 | 63 | 62 | | | | 42.4 |
| | MIN | 7 | 5 | 3 | 15 | 25 | 26 | 25 | 35 | 30 | 13 | 13 | 27 | 35 | 23 | 21 | 21 | 18 | 24 | 34 | 35 | 34 | 35 | 34 | 32 | 36 | 23 | 42 | 37 | | | | 25.3 |
| ESSEX FELLS SERV BLDG | MAX | 20 | 12 | 16 | 24 | 32 | 35 | 45 | 37 | 37 | 34 | 27 | 43 | 50 | 53 | 31 | 33 | 36 | 45 | 50 | 47 | 40 | 48 | 37 | 39 | 42 | 43 | 50 | 65 | | | | 38.3 |
| | MIN | 2 | 2 | 0 | 11 | 21 | 25 | 22 | 32 | 30 | 10 | 10 | 22 | 30 | 20 | 20 | 18 | 16 | 23 | 32 | 32 | 30 | 33 | 30 | 29 | 30 | 24 | 38 | 35 | | | | 22.4 |
| FLEMINGTON 1 NE | MAX | 19 | 13 | 15 | 21 | 32 | 36 | 43 | 40 | 37 | 31 | 26 | 42 | 51 | 53 | 32 | 31 | 37 | 40 | 52 | 45 | 45 | 50 | 37 | 42 | 43 | 46 | 55 | 61 | | | | 38.4 |
| | MIN | 1 | -2 | -3 | 1 | 18 | 26 | 22 | 25 | 29 | 10 | 9 | 10 | 28 | 23 | 20 | 15 | 12 | 15 | 28 | 32 | 36 | 32 | 33 | 31 | 31 | 22 | 24 | 37 | | | | 20.2 |
| HIGH POINT PARK | MAX | 14 | 7 | 9 | 17 | 21 | 33 | 38 | 29 | 32 | 27 | 19 | 33 | 47 | 45 | 23 | 29 | 32 | 33 | 50 | 43 | 43 | 42 | 32 | 33 | 36 | 38 | 44 | 48 | | | | 32.0 |
| | MIN | -7 | -10 | -3 | -2 | 3 | 16 | 18 | 18 | 4 | -1 | 1 | 9 | 25 | 7 | 3 | -3 | -2 | 0 | -9 | -9 | 24 | 26 | 10 | 23 | 23 | 21 | 34 | 36 | | | | 9.1 |
| JERSEY CITY | MAX | 15 | 18 | 23 | 28 | 38 | 44 | 39 | 38 | 37 | 27 | 35 | 49 | 50 | 43 | 33 | 38 | 36 | 52 | 48 | 44 | 48 | 41 | 38 | 44 | 45 | 48 | 63 | 57 | | | | 40.0 |
| | MIN | 7 | 7 | 9 | 21 | 25 | 34 | 35 | 34 | 27 | 15 | 22 | 33 | 43 | 27 | 23 | 29 | 25 | 30 | 39 | 40 | 41 | 33 | 34 | 34 | 37 | 32 | 44 | 46 | | | | 29.5 |
| LAMBERTVILLE | MAX | 15 | 17 | 23 | 28 | 37 | 45 | 42 | 38 | 36 | 28 | 45 | 54 | 55 | 54 | 33 | 40 | 40 | 54 | 49 | 48 | 52 | 46 | 44 | 43 | 48 | 57 | 63 | 59 | | | | 42.6 |
| | MIN | 7 | 5 | 2 | 15 | 26 | 28 | 24 | 33 | 27 | 12 | 14 | 29 | 37 | 23 | 22 | 18 | 17 | 25 | 38 | 34 | 39 | 34 | 36 | 32 | 35 | 25 | 42 | 35 | | | | 25.5 |
| LITTLE FALLS | MAX | 20 | 13 | 17 | 24 | 32 | 38 | 44 | 38 | 37 | 35 | 25 | 37 | 53 | 54 | 33 | 34 | 38 | 40 | 52 | 52 | 45 | 50 | 38 | 41 | 44 | 46 | 52 | 62 | | | | 39.1 |
| | MIN | 5 | 4 | 3 | 9 | 18 | 27 | 25 | 32 | 32 | 12 | 14 | 19 | 33 | 24 | 23 | 26 | 20 | 22 | 35 | 36 | 34 | 33 | 33 | 32 | 32 | 25 | 31 | 36 | | | | 24.1 |
| LONG VALLEY | MAX | 19 | 11 | 14 | 23 | 31 | 38 | 41 | 37 | 35 | 31 | 22 | 39 | 48 | 49 | 30 | 30 | 35 | 35 | 49 | 42 | 45 | 47 | 34 | 39 | 41 | 44 | 53 | 56 | | | | 36.4 |
| | MIN | 0 | 0 | -2 | -1 | 16 | 27 | 21 | 30 | 29 | 6 | 5 | 19 | 31 | 18 | 18 | 18 | 15 | 19 | 35 | 31 | 35 | 32 | 30 | 29 | 31 | 18 | 39 | 28 | | | | 20.6 |
| MORRIS PLAINS 1 W | MAX | 20 | 13 | 15 | 23 | 31 | 36 | 42 | 37 | 36 | 33 | 23 | 40 | 50 | 51 | 33 | 33 | 38 | 38 | 54 | 47 | 44 | 51 | 36 | 40 | 41 | 45 | 54 | 60 | | | | 38.0 |
| | MIN | -1 | 2 | 2 | 5 | 15 | 25 | 23 | 23 | 32 | 9 | 7 | 11 | 30 | 22 | 20 | 18 | 15 | 18 | 24 | 32 | 36 | 33 | 31 | 31 | 31 | 22 | 27 | 33 | | | | 20.6 |
| NEWARK WSO | MAX | 14 | 17 | 25 | 30 | 40 | 46 | 40 | 40 | 38 | 27 | 39 | 56 | 51 | 42 | 33 | 39 | 39 | 53 | 48 | 45 | 51 | 43 | 42 | 43 | 46 | 53 | 64 | 58 | | | | 41.5 |
| | MIN | 7 | 7 | 8 | 20 | 27 | 34 | 30 | 34 | 24 | 14 | 21 | 33 | 40 | 25 | 24 | 28 | 26 | 29 | 39 | 40 | 38 | 35 | 35 | 34 | 35 | 32 | 43 | 43 | | | | 28.8 |
| NEWTON | MAX | 19 | 10 | 13 | 21 | 30 | 34 | 42 | 33 | 35 | 33 | 23 | 38 | 50 | 48 | 28 | 33 | 35 | 37 | 49 | 43 | 41 | 45 | 37 | 39 | 39 | 42 | 51 | 53 | | | | 35.8 |
| | MIN | -4 | 0 | -9 | -5 | 9 | 24 | 16 | 21 | 30 | 8 | 4 | 5 | 27 | 20 | 18 | 19 | 9 | 10 | 25 | 33 | 35 | 32 | 31 | 29 | 31 | 19 | 25 | 28 | | | | 17.5 |
| PATERSON | MAX | 23 | 16 | 20 | 25 | 31 | 36 | 46 | 40 | 38 | 38 | 25 | 40 | 54 | 54 | 33 | 35 | 41 | 37 | 53 | 45 | 43 | 46 | 38 | 40 | 48 | 47 | 54 | 65 | | | | 39.7 |
| | MIN | 5 | 5 | 6 | 7 | 18 | 31 | 29 | 33 | 33 | 13 | 15 | 20 | 34 | 25 | 23 | 25 | 23 | 17 | 30 | 34 | 34 | 35 | 34 | 34 | 34 | 28 | 32 | 43 | | | | 25.0 |
| PHILLIPSBURG | MAX | 22 | 13 | 11 | 22 | 33 | 37 | 44 | 38 | 38 | 33 | 22 | 42 | 52 | 52 | 34 | 33 | 38 | 39 | 41 | 45 | 43 | 37 | 38 | 44 | 45 | 47 | 54 | 56 | | | | 37.6 |
| | MIN | 5 | 4 | 3 | 4 | 18 | 29 | 23 | 25 | 31 | 10 | 12 | 13 | 28 | 22 | 20 | 22 | 18 | 20 | 19 | 32 | 36 | 33 | 33 | 32 | 34 | 24 | 28 | 35 | | | | 21.9 |
| PLAINFIELD | MAX | 14 | 16 | 24 | 28 | 36 | 45 | 40 | 38 | 34 | 33 | 42 | 54 | 52 | 53 | 33 | 39 | 42 | 53 | 49 | 45 | 53 | 47 | 41 | 44 | 47 | 56 | 63 | 60 | | | | 42.2 |
| | MIN | 3 | 4 | 2 | 15 | 25 | 28 | 26 | 32 | 33 | 12 | 14 | 28 | 33 | 23 | 21 | 19 | 19 | 24 | 32 | 34 | 38 | 36 | 33 | 30 | 35 | 25 | 40 | 36 | | | | 25.0 |
| SOMERVILLE 3 NW | MAX | 20 | 13 | 15 | 24 | 32 | 36 | 43 | 40 | 38 | 33 | 25 | 42 | 52 | 52 | 32 | 32 | 38 | 40 | 52 | 45 | 45 | 52 | 37 | 41 | 44 | 45 | 55 | 60 | | | | 38.7 |
| | MIN | 2 | 3 | 0 | 1 | 18 | 25 | 25 | 26 | 32 | 12 | 10 | 10 | 29 | 23 | 20 | 18 | 15 | 16 | 24 | 35 | 36 | 35 | 34 | 31 | 32 | 22 | 23 | 35 | | | | 21.1 |
| SUSSEX 1 SE | MAX | 19 | 9 | 15 | 22 | 25 | 35 | 40 | 32 | 34 | 34 | 26 | 38 | 48 | 48 | 28 | 32 | 35 | 35 | 49 | 45 | 41 | 46 | 35 | 36 | 39 | 44 | 46 | | | | | 34.7 |
| | MIN | -12 | -12 | -12 | 2 | -2 | 19 | 13 | 17 | 28 | 4 | 1 | 1 | 22 | 16 | 16 | 18 | 6 | 6 | 19 | 29 | 30 | 28 | 26 | 26 | 27 | 16 | 26 | | | | | 13.3 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | MAX | 18 | 18 | 25 | 35 | 48 | 48 | 49 | 49 | 42 | 29 | 41 | 49 | 53 | 38 | 36 | 40 | 40 | 55 | 48 | 64 | 54 | 43 | 53 | 43 | 49 | 50 | 70 | 60 | | | | 44.5 |
| | MIN | -1 | 3 | 6 | 21 | 34 | 27 | 26 | 35 | 22 | 16 | 15 | 32 | 38 | 25 | 20 | 20 | 17 | 31 | 36 | 40 | 39 | 38 | 36 | 34 | 30 | 26 | 48 | 35 | | | | 26.8 |
| AUDUBON | MAX | 17 | 18 | 26 | 31 | 42 | 47 | 45 | 39 | 37 | 29 | 45 | 56 | 58 | 46 | 35 | 41 | 43 | 57 | 53 | 67 | 54 | 49 | 45 | 43 | 51 | 59 | 65 | 61 | | | | 45.0 |
| | MIN | 9 | 7 | 10 | 20 | 30 | 29 | 26 | 35 | 21 | 10 | 18 | 32 | 35 | 23 | 23 | 24 | 20 | 31 | 35 | 39 | 45 | 38 | 37 | 35 | 36 | 30 | 47 | 47 | | | | 28.3 |
| BELLERLAIN ST FOREST | MAX | 21 | 20 | 26 | 30 | 48 | 48 | 46 | 46 | 46 | 33 | 44 | 55 | 57 | 52 | 39 | | | | | | | | | | | 54 | 69 | 68 | | | | |
| | MIN | -9 | -5 | 0 | 11 | 29 | 29 | 23 | 35 | 30 | 14 | 12 | 28 | 35 | 23 | 32 | 17 | 15 | 27 | 40 | 39 | 34 | 34 | 41 | 32 | 30 | 23 | 46 | 40 | | | | 25.2 |
| BURLINGTON | MAX | 29 | 16 | 25 | 28 | 40 | 42 | 40 | 37 | 35 | 30 | 41 | 50 | 54 | 52 | 33 | 42 | 38 | 54 | 52 | 58 | 58 | 58 | 46 | 48 | 46 | 52 | 60 | 58 | | | | 43.6 |
| | MIN | 8 | 7 | 14 | 22 | 28 | 27 | 29 | 32 | 28 | 15 | 18 | 38 | 42 | 28 | | 22 | 24 | 31 | 33 | 45 | 38 | 37 | 37 | 36 | 39 | | 45 | 40 | | | | 29.3 |
| CHATSWORTH | MAX | 22 | 18 | 27 | 29 | 49 | 49 | 44 | 39 | 43 | 33 | 43 | 56 | 56 | 44 | 35 | 41 | 42 | 57 | 50 | 66 | 66 | 55 | 50 | 45 | 50 | 51 | 71 | 68 | | | | 46.4 |
| | MIN | -5 | 1 | -3 | 17 | 28 | 28 | 22 | 35 | 30 | 12 | 11 | 26 | 32 | 22 | 20 | 14 | 13 | 26 | 34 | 44 | 36 | 38 | 38 | 31 | 34 | 24 | 46 | 45 | | | | 25.0 |
| FREEHOLD | MAX | 22 | 10 | 16 | 25 | 33 | 43 | 44 | 42 | 38 | 33 | 26 | 41 | 57 | 53 | 32 | 32 | 41 | 41 | 53 | 48 | 58 | 52 | 38 | 42 | 43 | 47 | 54 | 64 | | | | 40.3 |
| | MIN | 4 | 4 | 2 | 6 | 20 | 29 | 28 | 32 | 30 | 13 | 13 | 22 | 36 | 23 | 20 | 21 | 19 | 28 | 35 | 36 | 37 | 34 | 35 | 30 | 34 | 25 | 38 | 45 | | | | 25.0 |
| GLASSBORO | MAX | 24 | 12 | 22 | 27 | 42 | 44 | 46 | 44 | 38 | 33 | 28 | 44 | 55 | 58 | 33 | 35 | 39 | 42 | 55 | 53 | 68 | 54 | 43 | 44 | 43 | 49 | 54 | 66 | | | | 42.7 |
| | MIN | 4 | 5 | 7 | 15 | 22 | 27 | 27 | 29 | 30 | 14 | 16 | 22 | 30 | 21 | 22 | 23 | 21 | 23 | 35 | 36 | 39 | 37 | 38 | 34 | 36 | 33 | 38 | 48 | | | | 26.1 |
| HAMMONTON 2 NNE | MAX | 24 | 21 | 20 | 26 | 39 | 47 | 48 | 46 | 42 | 37 | 29 | 45 | 56 | 59 | 36 | 36 | 38 | 44 | 58 | 52 | 66 | 56 | 44 | 45 | 47 | 51 | 57 | 70 | | | | 44.3 |
| | MIN | 1 | 2 | 4 | 8 | 17 | 26 | 24 | 33 | 28 | 12 | 14 | 19 | 32 | 20 | 18 | 21 | 19 | 25 | 36 | 34 | 38 | 36 | 37 | 31 | 33 | 27 | 35 | 44 | | | | 24.1 |
| HIGHTSTOWN 1 N | MAX | 17 | 15 | 24 | 28 | 42 | 44 | 42 | 38 | 36 | 28 | 43 | 56 | 55 | 53 | 33 | 38 | 42 | 53 | 49 | 56 | 52 | 46 | 44 | 43 | 47 | 54 | 65 | 59 | | | | 42.9 |
| | MIN | 5 | 5 | 2 | 17 | 27 | 29 | 25 | 33 | 28 | 13 | 15 | 29 | 38 | 23 | 21 | 19 | 18 | 29 | 38 | 36 | 38 | 36 | 36 | 30 | 35 | 26 | 43 | 44 | | | | 26.4 |
| INDIAN MILLS 2 W | MAX | 17 | 16 | 25 | 29 | 48 | 46 | 45 | 38 | 40 | 28 | 44 | 55 | 57 | 47 | 35 | 39 | 43 | 55 | 51 | 66 | 59 | 47 | 42 | 42 | 49 | 54 | 68 | 61 | | | | 44.5 |
| | MIN | -5 | 5 | -3 | 18 | 29 | 28 | 22 | 35 | 26 | 13 | 10 | 30 | 36 | 22 | 16 | 15 | 13 | 32 | 42 | 35 | 36 | 36 | 37 | 32 | 35 | 24 | 45 | 45 | | | | 25.3 |
| MILLVILLE FAA AIRPORT | MAX | 18 | 19 | 25 | 33 | 46 | 47 | 46 | 44 | 39 | 27 | 41 | 52 | 59 | 38 | 35 | 38 | 41 | 58 | 53 | 66 | 51 | 45 | 47 | 44 | 50 | 53 | 67 | 60 | | | | 44.4 |
| | MIN | -2 | 4 | 6 | 21 | 33 | 25 | 23 | 36 | 19 | 15 | 14 | 30 | 38 | 23 | 20 | 20 | 16 | 31 | 39 | 41 | 36 | 35 | 36 | 35 | 28 | 28 | 46 | 41 | | | | 26.3 |
| MOORESTOWN | MAX | 31 | 17 | 18 | 25 | 37 | 43 | 48 | 45 | 37 | 38 | 30 | 44 | 57 | 56 | 34 | 35 | 42 | 42 | 56 | 49 | 66 | 53 | 41 | 44 | 43 | 50 | 56 | 63 | | | | 42.9 |
| | MIN | 7 | 7 | 8 | 12 | 21 | 30 | 25 | 30 | 30 | 13 | 15 | 30 | 37 | 24 | 24 | 25 | 17 | 27 | 36 | 37 | 41 | 38 | 38 | 35 | 38 | 29 | 35 | 48 | | | | 27.0 |
| NEW BRUNSWICK | MAX | 20 | 14 | 15 | 23 | 33 | 41 | 43 | 41 | 38 | 33 | 26 | 43 | 54 | 54 | 33 | 32 | 39 | 42 | 52 | 46 | 50 | 51 | 39 | 42 | 43 | 45 | 54 | 63 | | | | 39.6 |
| | MIN | 5 | 5 | 4 | 7 | 19 | 31 | 27 | 33 | 32 | 13 | 13 | 18 | 35 | 22 | 20 | 23 | 20 | 25 | 31 | 35 | 38 | 35 | 35 | 31 | 35 | 27 | 33 | 44 | | | | 24.9 |
| REMBERTON 3 E | MAX | 22 | 17 | 26 | 28 | 48 | 48 | 44 | 38 | 40 | 30 | 45 | 58 | 56 | 51 | 35 | 43 | 44 | 55 | 50 | 65 | 60 | 48 | 44 | 44 | 50 | 54 | 68 | 62 | | | | 45.5 |
| | MIN | -1 | 5 | -2 | 17 | 26 | 28 | 23 | 34 | 29 | 14 | 12 | 30 | 37 | 21 | 20 | 16 | 13 | 28 | 40 | 36 | 36 | 37 | 39 | 31 | 34 | 26 | 44 | 46 | | | | 25.7 |
| SEABROOK FARMS | MAX | 21 | 19 | 18 | 25 | 38 | 45 | 47 | 46 | 39 | 34 | 28 | 43 | 54 | 58 | 33 | 35 | 38 | 42 | 58 | 53 | | 52 | 45 | 45 | 45 | 50 | 55 | 67 | | | | 42.0 |
| | MIN | 4 | 5 | 6 | 13 | 21 | 27 | 25 | | 30 | 15 | 16 | 24 | 36 | | 20 | 20 | 20 | 27 | 36 | 39 | | 35 | 38 | 33 | 35 | 30 | 40 | | | | | 24.8 |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SHILOH | MAX | 18 | 18 | 24 | 29 | 43 | 46 | 46 | 38 | 38 | 29 | 42 | 45 | 58 | 52 | 34 | 38 | 41 | 57 | 54 | 66 | 65 | 46 | 45 | 44 | 50 | 52 | 66 | 61 | | | | 44.5 |
| | MIN | 5 | 4 | 6 | 17 | 29 | 26 | 26 | 36 | 28 | 14 | 17 | 30 | 30 | 22 | 19 | 25 | 22 | 33 | 40 | 38 | 38 | 37 | 39 | 34 | 34 | 30 | 45 | 43 | | | | 27.4 |
| TOMS RIVER | MAX | 22 | 16 | 17 | 25 | 40 | 51 | 47 | 43 | 45 | 35 | 28 | 42 | 57 | 55 | 35 | 35 | 41 | 42 | 56 | 47 | 66 | 55 | 43 | 44 | 45 | 48 | 54 | 72 | | | | 43.1 |
| | MIN | - 1 | 0 | - 1 | 1 | 20 | 29 | 23 | 25 | 32 | 14 | 12 | 14 | 30 | 22 | 20 | 17 | 15 | 18 | 37 | 37 | 38 | 38 | 38 | 30 | 35 | 25 | 32 | 42 | | | | 22.9 |
| TRENTON WSO | MAX | 13 | 15 | 22 | 29 | 42 | 45 | 42 | 38 | 36 | 27 | 43 | 54 | 56 | 35 | 33 | 38 | 42 | 54 | 52 | 59 | 51 | 42 | 44 | 43 | 46 | 54 | 63 | 59 | | | | 42.0 |
| | MIN | 8 | 7 | 9 | 20 | 29 | 33 | 31 | 35 | 20 | 15 | 21 | 35 | 35 | 23 | 22 | 27 | 27 | 34 | 39 | 39 | 42 | 37 | 36 | 34 | 37 | 33 | 45 | 47 | | | | 29.3 |
| TUCKERTON | MAX | 19 | 18 | 24 | 31 | 48 | 50 | 44 | 49 | 46 | 28 | 41 | 48 | 52 | 42 | 35 | 42 | 41 | 57 | 50 | 55 | 57 | 47 | 49 | 46 | 50 | 49 | 72 | 61 | | | | 44.7 |
| | MIN | - 4 | 2 | 4 | 18 | 30 | 28 | 23 | 36 | 26 | 12 | 10 | 31 | 31 | 22 | 19 | 20 | 15 | 30 | 36 | 35 | 37 | 38 | 38 | 31 | 34 | 29 | 41 | 45 | | | | 25.6 |
| WOODSTOWN | MAX | 18 | 18 | 26 | 29 | 42 | 46 | 45 | 39 | 38 | 30 | 43 | 54 | 57 | 53 | 36 | 37 | 40 | 58 | 51 | 67 | 65 | 46 | 45 | 44 | 59 | 55 | 65 | 64 | | | | 45.4 |
| | MIN | 2 | 0 | 4 | 11 | 21 | 25 | 24 | 27 | 29 | 10 | 15 | 30 | 27 | 22 | 20 | 24 | 28 | 32 | 38 | 36 | 46 | 34 | 35 | 29 | 34 | 30 | 44 | 40 | | | | 25.6 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 19 | 18 | 27 | 35 | 48 | 49 | 49 | 51 | 42 | 29 | 40 | 46 | 52 | 40 | 37 | 41 | 40 | 59 | 48 | 50 | 56 | 44 | 51 | 45 | 51 | 50 | 63 | 60 | | | | 44.3 |
| | MIN | 13 | 12 | 13 | 26 | 35 | 33 | 32 | 37 | 25 | 19 | 26 | 38 | 40 | 26 | 26 | 26 | 27 | 35 | 39 | 40 | 42 | 40 | 38 | 37 | 38 | 38 | 45 | 45 | | | | 31.8 |
| CAPE MAY 1 NW | MAX | 23 | 20 | 19 | 27 | 36 | 46 | 45 | 52 | 45 | 35 | 28 | 40 | 47 | 53 | 34 | 37 | 38 | 40 | 57 | 50 | 64 | 52 | 51 | 49 | 45 | 50 | 50 | 66 | | | | 42.8 |
| | MIN | 11 | 10 | 10 | 13 | 27 | 29 | 26 | 30 | 31 | 17 | 18 | 24 | 34 | 24 | 24 | 26 | 21 | 24 | 38 | 39 | 36 | 36 | 39 | 36 | 36 | 33 | 41 | 46 | | | | 27.8 |
| LONG BRANCH 2 S | MAX | 16 | 18 | 22 | 30 | 47 | 46 | 41 | 37 | 40 | 27 | 39 | 48 | 52 | 44 | 34 | 40 | 41 | 54 | 49 | 50 | 54 | 44 | 42 | 44 | 47 | 49 | 67 | 59 | | | | 42.2 |
| | MIN | 5 | 5 | 3 | 15 | 29 | 30 | 26 | 35 | 27 | 14 | 15 | 31 | 38 | 25 | 21 | 21 | 19 | 30 | 39 | 36 | 36 | 36 | 37 | 30 | 36 | 26 | 41 | 41 | | | | 26.7 |
| SANDY HOOK | MAX | 18 | | 21 | 27 | 36 | 37 | 36 | 36 | 36 | 30 | 34 | 46 | 47 | 46 | 30 | 37 | 36 | 43 | 43 | 44 | 48 | 43 | 39 | 39 | 41 | 45 | 54 | 53 | | | | 38.7 |
| | MIN | 8 | | 9 | 18 | 26 | 30 | 27 | 33 | 30 | 15 | 19 | 32 | 35 | 24 | 22 | 26 | 24 | 31 | 36 | 34 | 36 | 35 | 35 | 32 | 34 | 29 | 38 | 38 | | | | 28.0 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 27 | 28 | 32 | 30 | 34 | 33 | 34 | 35 | 35 | 33 | 34 | 36 | 36 | 35 | 34 | 34 | 35 | 34 | 36 | 36 | - | 36 | 38 | 36 | 39 | 40 | 51 | 46 | | | | 35.4 |
| | | MIN | 24 | 21 | 22 | 28 | 30 | 33 | 33 | 34 | 33 | 29 | 27 | 33 | 34 | 33 | 32 | 30 | 30 | 33 | 34 | 35 | - | 35 | 33 | 33 | 33 | 33 | 37 | 39 | | | | 31.5 |
| | 2 | MAX | 28 | 28 | 31 | 30 | 34 | 33 | 34 | 35 | 35 | 33 | 34 | 36 | 36 | 35 | 33 | 33 | 34 | 34 | 36 | 36 | - | 34 | 35 | 35 | 36 | 38 | 47 | 44 | | | | 34.7 |
| | | MIN | 26 | 24 | 24 | 29 | 30 | 33 | 33 | 34 | 33 | 31 | 29 | 33 | 34 | 33 | 32 | 31 | 31 | 33 | 34 | 34 | - | 34 | 33 | 33 | 33 | 33 | 36 | 39 | | | | 31.9 |
| | 4 | MAX | 34 | 31 | 31 | 32 | 34 | 35 | 35 | 36 | 37 | 34 | 35 | 37 | 37 | 36 | 34 | 34 | 34 | 35 | 37 | 37 | - | 34 | 35 | 34 | 36 | 36 | 43 | 43 | | | | 35.4 |
| | | MIN | 27 | 28 | 26 | 31 | 32 | 34 | 34 | 34 | 34 | 31 | 32 | 34 | 35 | 34 | 33 | 33 | 33 | 33 | 35 | 36 | - | 34 | 34 | 34 | 34 | 34 | 36 | 40 | | | | 33.1 |
| | 8 | MAX | 33 | 34 | 33 | 33 | 34 | 35 | 35 | 36 | 37 | 34 | 35 | 37 | 37 | 36 | 34 | 34 | 34 | 35 | 37 | 37 | - | 34 | 36 | 34 | 36 | 36 | 42 | 42 | | | | 35.6 |
| | | MIN | 32 | 33 | 30 | 33 | 33 | 34 | 35 | 34 | 34 | 33 | 34 | 35 | 36 | 34 | 33 | 34 | 33 | 34 | 35 | 36 | - | 34 | 34 | 34 | 34 | 35 | 36 | 40 | | | | 34.1 |
| | 20 | MAX | 36 | 36 | 36 | 36 | 35 | 35 | 35 | 36 | 35 | 35 | 35 | 37 | 37 | 36 | 35 | 35 | 35 | 35 | 37 | 37 | - | 35 | 35 | 35 | 35 | 35 | 38 | 39 | | | | 35.8 |
| | | MIN | 36 | 36 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | - | 35 | 35 | 35 | 35 | 35 | 35 | 38 | | | | 35.2 |
| | 40 | MAX | 39 | 40 | 40 | 40 | 39 | 39 | 38 | 40 | 39 | 38 | 38 | 39 | 39 | 39 | 38 | 38 | 38 | 38 | 39 | 38 | - | 38 | 38 | 38 | 38 | 38 | 39 | 39 | | | | 38.7 |
| | | MIN | 39 | 39 | 39 | 39 | 39 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | - | 37 | 37 | 37 | 37 | 37 | 38 | 38 | | | | 38.0 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 25 | 26 | 31 | 29 | 33 | 34 | 34 | 36 | 35 | 34 | 34 | 36 | 39 | 36 | 34 | 34 | 34 | 37 | 40 | 43 | - | 37 | 41 | 39 | 45 | 47 | 60 | 54 | | | | 37.3 |
| | | MIN | 14 | 11 | 12 | 24 | 29 | 33 | 33 | 34 | 34 | 27 | 23 | 33 | 34 | 34 | 32 | 28 | 28 | 34 | 35 | 36 | - | 37 | 34 | 34 | 34 | 34 | 41 | 38 | | | | 30.4 |
| | 2 | MAX | 25 | 26 | 30 | 29 | 33 | 34 | 34 | 36 | 35 | 34 | 33 | 36 | 37 | 36 | 34 | 34 | 33 | 34 | 38 | 41 | - | 36 | 41 | 39 | 43 | 46 | 59 | 53 | | | | 36.6 |
| | | MIN | 15 | 11 | 13 | 24 | 29 | 33 | 33 | 34 | 34 | 29 | 24 | 33 | 34 | 34 | 33 | 29 | 28 | 33 | 34 | 36 | - | 36 | 34 | 34 | 34 | 34 | 41 | 38 | | | | 30.5 |
| | 4 | MAX | 26 | 26 | 29 | 29 | 32 | 33 | 33 | 35 | 35 | 34 | 33 | 35 | 35 | 35 | 34 | 33 | 33 | 34 | 35 | 36 | - | 35 | 37 | 36 | 39 | 41 | 52 | 47 | | | | 34.9 |
| | | MIN | 22 | 18 | 18 | 25 | 29 | 32 | 33 | 33 | 34 | 33 | 28 | 33 | 34 | 34 | 33 | 32 | 31 | 33 | 34 | 35 | - | 35 | 34 | 34 | 34 | 34 | 40 | 41 | | | | 31.7 |
| | 8 | MAX | 31 | 28 | 29 | 29 | 32 | 33 | 33 | 35 | 35 | 34 | 33 | 35 | 35 | 35 | 34 | 33 | 33 | 34 | 35 | 36 | - | 34 | 34 | 34 | 34 | 38 | 46 | 44 | | | | 34.3 |
| | | MIN | 28 | 25 | 24 | 28 | 29 | 32 | 33 | 33 | 34 | 33 | 31 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 35 | - | 34 | 33 | 34 | 34 | 34 | 38 | 42 | | | | 32.6 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# SNOWFALL AND SNOW ON GROUND

NEW JERSEY
FEBRUARY 1971

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | | | | | 2.0 | 1.0 | T | 5.0 | 1.0 | | | | T | T | | | | .3 | | | | T | T | | | | | | | | |
| | SN ON GND | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 6 | 6 | 5 | 5 | 5 | 3 | 1 | 1 | 1 | 1 | 1 | T | T | T | T | T | T | T | T | | | | | |
| CHARLOTTEBURG | SNOWFALL | | | | | .3 | | | 3.0 | | | | | | | | | | 1.0 | | | | | 1.0 | 1.5 | | | | | | | |
| | SN ON GND | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 1 | T | 1 | 2 | T | T | | | | | |
| FLEMINGTON 1 NE | SNOWFALL | | | | T | 1.0 | | | .8 | | | | | | T | | | T | .6 | | | | | | | | | | | | | |
| | SN ON GND | 2 | 2 | 2 | 2 | 3 | 1 | | T | T | T | T | | | | | | | 1 | | | | | | | | | | | | | |
| LAMBERTVILLE | SNOWFALL | | | | T | T | | | T | | | | | | | | | T | | | | | | | | | | T | | | | |
| | SN ON GND | 1 | 1 | 1 | 1 | T | T | T | T | T | T | | | | | | | T | | | | | | | | | | | | | | |
| LITTLE FALLS | SNOWFALL | | | | | .2 | .2 | | 1.0 | | | | | | | | | | .5 | | | | | | .1 | | | | | | | |
| | SN ON GND | 1 | 1 | 1 | 1 | 1 | 1 | T | 1 | 1 | 1 | 1 | 1 | | | | | | 1 | | | | | | T | | | | | | | |
| LONG VALLEY | SNOWFALL | | | | | | | | | | | | | | | | | | .5 | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | - | | | | | | | | | | | | | |
| MORRIS PLAINS 1 W | SNOWFALL | | | | | 1.0 | | | 1.5 | T | T | | | | T | | | | 1.0 | | | | | T | .3 | | | | | | | |
| | SN ON GND | T | T | T | T | 1 | 1 | T | 1 | 1 | 1 | 1 | T | T | T | | | | 1 | | | | | | T | | | | | | | |
| NEWARK WSO | SNOWFALL | | | | .4 | T | | .1 | | T | | | | | T | | | .6 | | | | | T | T | | | | | | | | |
| | SN ON GND | | | | | T | | | | | | | | | | | | | T | | | | | | | | | | | | | |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWTON | SNOWFALL | | | | | .6 | | | 6.5 | T | T | | | | | | | | 1.0 | | | | | .5 | .5 | | | | | | | |
| | SN ON GND | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 13 | 11 | 11 | 11 | 11 | 10 | 9 | 9 | 9 | 9 | 10 | 8 | 8 | 6 | 5 | 5 | 5 | 4 | 3 | 1 | | | | |
| PATERSON | SNOWFALL | | | | | | | | .5 | | T | | | | T | | | | .3 | | | | | | | | | | | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| PHILLIPSBURG | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| | SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| PLAINFIELD | SNOWFALL | | | | T | T | | T | | T | | | | | T | | | 1.0 | | | | | T | T | | | | | | | | |
| | SN ON GND | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| RAHWAY | SNOWFALL | | | | | | | | | | | | | | | | | .1 | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | T | | | | | | | | | | | | | | |
| SOMERVILLE 3 NW | SNOWFALL | | | | T | T | | T | T | | | | | | T | | | | 1.0 | | | | | | | | | | | | | |
| | SN ON GND | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | T | T | T | T | | 1 | | | | | | | | | | | | | |
| WANAQUE RAYMOND DAM | SNOWFALL | | | | | .5 | .5 | | 1.5 | | | | | | T | | | | | | | | | | T | | | | | | | |
| | SN ON GND | | | | | 1 | 1 | 1 | 2 | | | | | | T | T | | | | | | | | | T | | | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | SNOWFALL | | | | 1.7 | | | | | | | | | | .2 | | | T | | | | | | | | | | | | | | |
| | SN ON GND | | T | T | 1 | T | | | | | | | | | T | | | | | | | | | | | | | | | | | |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | SNOWFALL | | | | | | | T | | | | | | | T | | | | .5 | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | T | | | | T | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | SNOWFALL | | | | T | .2 | | T | T | T | | | | | T | | T | .4 | | | | | | | | | | | | | | |
| | SN ON GND | T | T | T | T | | | | | | | | | | | | | T | | | | | | | | | | | | | | |
| INDIAN MILLS 2 W | SNOWFALL | T | | | .3 | T | | | | T | | | | | .7 | | | T | | | | | | | | | | | | | | |
| | SN ON GND | T | T | T | T | | | | | | | | | | T | T | | T | | | | | | | | | | | | | | |
| MAYS LANDING 1 W | SNOWFALL | 1.3 | | | .7 | .5 | | | | | | | | | .1 | | | | | | | | | | | | | | | | | |
| | SN ON GND | T | T | T | 1 | T | | | | | | | | | T | | | | | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | SNOWFALL | T | | | .5 | | | | | | | | | | T | | | T | | | | | | | | | | | | | | |
| | SN ON GND | | | | T | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOORESTOWN | SNOWFALL | | | | T | | | | | | | | | | | | | | T | | | | | | | | | | | | | |
| | SN ON GND | T | | | T | T | | | | | | | | | | | | | T | | | | | | | | | | | | | |
| NEW BRUNSWICK | SNOWFALL | | | | | T | | | T | | T | | | | T | | T | | .7 | | | | | | | | T | | | | | |
| | SN ON GND | T | T | T | T | | | | | | | | | | T | | | | 1 | | | | | | | | | | | | | |
| PEMBERTON 3 E | SNOWFALL | | | | T | | | | | | | | | | .2 | | | T | | | | | | | | | | | | | | |
| | SN ON GND | | | | T | | | | | | | | | | | | | T | | | | | | | | | | | | | | |
| TRENTON WSO | SNOWFALL | | | | .4 | .3 | | T | | .1 | | | | | .2 | | T | .2 | | | | | | | | | | | | | | |
| | SN ON GND | T | | | T | T | | | | | | | | | T | | | | T | | | | | | | | | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2 S | SNOWFALL | | | | T | T | | | | T | | | | | T | | | .5 | | | | | | | | T | | | | | | |
| | SN ON GND | T | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WSO | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| *ATLANTIC CITY R | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON 2 N | 1754 | 01 | HUNTERDON | 10 | 40 40 | 74 55 | 350 | | | | C | NJ BUREAU OF WTR SUPPLY |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A | | | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A | | | INACTIVE 9/1/70 |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | 8A | 8A | | H | US DEPT OF AGRICULTURE |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, 111 |
| MOUNT HOLLY | 5866 | 02 | BURLINGTON | 2 | 39 59 | 74 48 | 10 | | | | C | J. WESLEY GOODFELLOW |
| NEWARK WSO R | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A | | H | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| *TRENTON WSO R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN 11-ROCKAWAY

# REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY."

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 1:00 p.m., e.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1931-1960.

**DIVISIONS**, as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

**DELAYED DATA AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

| | |
|---|---|
| - | No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.<br>No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry. |
| + | And also on an earlier date or dates. |
| ++ | Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data. |
| * | Amount included in following measurement, time distribution unknown. |
| // | Gage is equipped with a windshield. |
| B | Adjusted to a full month. |
| D | Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall. |
| M | One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month. |
| R | Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.) |
| T | Trace, an amount too small to measure. |
| V | Includes total for previous month. |

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

| | |
|---|---|
| AR | This entry in time of observation column in Station Index means after rain. |
| C | Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin. |
| G | "Soil Temperature" table. |
| H | "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month. |
| J | "Supplemental Data" table. |
| S | Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin. |
| SS | This entry in time of observation column in Station Index means observation made near sunset. |
| VAR | This entry in time of observation column in Station Index means variable. |
| # | Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building. |

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-NOAA-ASHEVILLE-3/30/71-920

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# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
MARCH 1971
Volume 76 No. 3

THE LIBRARY OF THE
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UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 46.9 | 25.9 | 36.4 | - 2.9 | 64 | 17 | 18 | 10 | 878 | 0 | 2 | 29 | 0 | 2.96 | - 1.12 | 1.00 | 20+ | 6.1 | 5 | 5+ | 5 | 3 | 2 |
| BOONTON 1 SE | 45.6 | 30.9 | 38.3 | 1.0 | 68 | 16 | 23 | 10 | 822 | 0 | 0 | 19 | 0 | 2.22 | - 1.64 | .94 | 4 | 7.0 | 5 | 4 | 3 | 2 | 0 |
| CANOE BROOK | 47.2 | 26.8 | 37.0 | - .6 | 69 | 16 | 18 | 4 | 867 | 0 | 1 | 28 | 0 | 3.42 | - .88 | 1.21 | 20 | 1.0 | 1 | 6+ | 5 | 3 | 1 |
| CHARLOTTEBURG | 41.5 | 25.9 | 33.7 | - 2.9 | 64 | 16 | 17 | 10 | 965 | 0 | 4 | 29 | 0 | 3.40 | - 1.07 | 1.23 | 4 | 5.5 | 5 | 5 | 5 | 3 | 2 |
| CRANFORD | 49.7 | 30.1 | 39.9 | | 74 | 15 | 21 | 10 | 772 | 0 | 0 | 21 | 0 | 3.47 | | .83 | 4 | 3.2 | T | 4+ | 7 | 4 | 0 |
| ESSEX FELLS SERV BLDG | 46.2 | 27.1 | 36.7 | | 70 | 16 | 18 | 10 | 874 | 0 | 0 | 29 | 0 | 3.23 | | 1.20 | 20 | 3.5 | 3 | 4 | 3 | 3 | 2 |
| FLEMINGTON 1 NE | 46.5 | 26.3 | 36.4 | - 3.7 | 71 | 16 | 18 | 11+ | 877 | 0 | 1 | 28 | 0 | 4.21 | .22 | 1.30 | 4 | 12.6 | 10 | 5 | 7 | 4 | 2 |
| HIGH POINT PARK | 39.5 | 20.9 | 30.2 | | 58 | 16 | 10 | 9 | 1073 | 0 | 5 | 30 | 0 | 3.18 | | 1.30 | 4 | 18.9 | 6 | 4 | 6 | 2 | 1 |
| JERSEY CITY | 45.3 | 33.2 | 39.3 | - .5 | 66 | 16 | 25 | 10 | 791 | 0 | 0 | 15 | 0 | 3.57 | - .46 | .82 | 11 | T | 0 | | 6 | 4 | 0 |
| LAMBERTVILLE | 49.5 | 28.0 | 38.8 | - 1.0 | 73 | 15 | 17 | 24+ | 807 | 0 | 0 | 22 | 0 | 3.27 | - .79 | 1.06 | 4 | 4.0 | 4 | 4 | 7 | 3 | 1 |
| LITTLE FALLS | 46.5 | 30.2 | 38.4 | - .9 | 67 | 16 | 23 | 25+ | 815 | 0 | 0 | 21 | 0 | 3.46 | - .84 | 1.33 | 20 | 17.0 | 15 | 5 | 3 | 3 | 2 |
| LONG VALLEY | 45.2 | 25.0 | 35.1 | | 65 | 16 | 9 | 9 | 918 | 0 | 1 | 28 | 0 | 4.02 | - .26 | 1.25 | 20 | 5.5 | | | 6 | 4 | 2 |
| MORRIS PLAINS 1 W | 46.1 | 27.4 | 36.8 | | 69 | 16 | 18 | 10 | 869 | 0 | 1 | 28 | 0 | 3.86 | | 1.49 | 20 | 7.5 | 7 | 5 | 5 | 3 | 2 |
| NEWARK WSO R | 48.4 | 33.9 | 41.2 | .7 | 70 | 15 | 26 | 25 | 732 | 0 | 0 | 10 | 0 | 3.29 | - .80 | .92 | 19 | 4.2 | 4 | 5 | 5 | 3 | 0 |
| NEWTON | 44.0 | 25.5 | 34.8 | - 1.6 | 64 | 16 | 11 | 25 | 927 | 0 | 2 | 30 | 0 | 3.03 | - .42 | 1.31 | 4 | 6.0 | 5 | 4 | 4 | 2 | 1 |
| PATERSON | 47.8 | 31.3 | 39.6 | .1 | 69 | 17 | 25 | 25+ | 781 | 0 | 0 | 17 | 0 | 4.27 | - .18 | 1.48 | 20 | 4.5 | | | 5 | 3 | 2 |
| PHILLIPSBURG | 47.9 | 27.5 | 37.7 | - 1.5 | 66 | 16 | 20 | 11 | 841 | 0 | 1 | 28 | 0 | 4.01 | - .08 | 1.49 | 4 | 6.0 | 5 | 4 | 7 | 2 | 2 |
| PLAINFIELD | 48.2 | 30.1 | 39.2 | - .7 | 75 | 15 | 22 | 25 | 795 | 0 | 1 | 21 | 0 | 3.45 | - .86 | 1.02 | 19 | 4.5 | 4 | 4 | 6 | 3 | 1 |
| SOMERVILLE 3 NW | 46.7 | 27.4 | 37.1 | - 2.4 | 72 | 16 | 19 | 10 | 860 | 0 | 1 | 28 | 0 | 3.51 | - .46 | 1.08 | 20 | 3.0 | 3 | 5 | 7 | 3 | 1 |
| SUSSEX 1 SE | 42.3 | 22.2 | 32.3 | - 4.7 | 61 | 16 | 11 | 5 | 1005 | 0 | 4 | 31 | 0 | D 3.20 | - .20 | 1.16 | 4 | 9.5 | | | 6 | 2 | 1 |
| DIVISION | | | 37.0 | - 1.6 | | | | | | | | | | 3.45 | - .65 | | | 6.5 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 47.5 | 30.5 | 39.0 | - 2.1 | 67 | 16 | 19 | 10 | 798 | 0 | 0 | 22 | 0 | 1.64 | - 2.27 | .40 | 3 | .9 | T | 23 | 6 | 0 | 0 |
| AUDUBON | 51.2 | 32.8 | 42.0 | | 75 | 15 | 24 | 25 | 706 | 0 | 0 | 16 | 0 | 2.78 | | .77 | 19 | 2.0 | T | 4 | 6 | 3 | 0 |
| BELLEPLAIN ST FOREST | | | | | | | | | | | | | | | | | | | | | | | |
| BURLINGTON | M | M | M | | 68 | 17+ | | | | 0 | 0 | | 0 | 3.41 | - .93 | .76 | 4 | | | | 7 | 3 | 0 |
| CHATSWORTH | 51.9 | 28.3M | 40.1M | | 71 | 15 | 19 | 25 | 758 | 0 | 0 | 22 | 0 | 2.99 | | .83 | 4 | .0 | 0 | | 7 | 2 | 0 |
| FREEHOLD | | | | | | | | | | | | | | | | | | | | | | | |
| GLASSBORO | 48.8 | 31.1 | 40.0 | | 74 | 16 | 20 | 5 | 767 | 0 | 0 | 20 | 0 | 2.99 | | .85 | 20 | .5 | 1 | 4 | 6 | 2 | 0 |
| HAMMONTON 2 NNE | 50.7 | 29.5 | 40.1 | - 1.8 | 75 | 16 | 21 | 25+ | 762 | 0 | 0 | 23 | 0 | 2.88 | - 1.38 | .78 | 4 | 1.0 | | | 6 | 3 | 0 |
| HIGHTSTOWN 1 N | 48.7 | 30.6 | 39.7 | - .5 | 75 | 15 | 22 | 10 | 776 | 0 | 0 | 20 | 0 | 2.60 | - 1.22 | .70 | 4 | 4.9 | 2 | 4 | 7 | 1 | 0 |
| INDIAN MILLS 2 W | 49.8 | 29.3 | 39.6 | - 1.1 | 74 | 15 | 17 | 10 | 784 | 0 | 0 | 21 | 0 | 3.36 | - .92 | .86 | 4 | 4.4 | T | 4+ | 6 | 4 | 0 |
| MILLVILLE FAA AIRPORT | 48.9 | 30.6 | 39.8 | | 67 | 15 | 17 | 10 | 776 | 0 | 0 | 22 | 0 | 3.16 | | 1.16 | 4 | T | 0 | | 6 | 3 | 1 |
| MOORESTOWN | 48.9 | 31.7 | 40.3 | - .4 | 73 | 16 | 22 | 10 | 756 | 0 | 1 | 21 | 0 | 2.75 | - 1.06 | 1.16 | 4 | | 2 | 4 | 6 | 2 | 1 |
| NEW BRUNSWICK | 46.9 | 30.5 | 38.7 | - 1.5 | 73 | 16 | 23 | 25+ | 809 | 0 | 1 | 21 | 0 | 3.14 | - .61 | .97 | 4 | 2.4 | 1 | 23+ | 7 | 3 | 0 |
| PEMBERTON 3 E | 51.4 | 30.2 | 40.8 | - .8 | 75 | 15 | 19 | 10 | 746 | 0 | 0 | 22 | 0 | 2.97 | - .88 | .65 | 4 | 3.5 | 1 | 4 | 6 | 3 | 0 |
| SEABROOK FARMS | 49.1 | 31.1M | 40.1M | | 71 | 16 | 21 | 10 | 770 | 0 | 0 | | 0 | 2.53 | | .74 | 4 | .0 | 0 | | 5 | 2 | 0 |
| SHILOH | 50.4 | 31.7 | 41.1 | - 1.1 | 70 | 15 | 23 | 10 | 734 | 0 | 0 | 20 | 0 | 2.40 | - 1.36 | .62 | 4 | .0 | 0 | | 6 | 1 | 0 |
| TOMS RIVER | 48.3 | 29.8 | 39.1 | | 69 | 17 | 15 | 9 | 797 | 0 | 0 | 21 | 0 | 2.61 | | 1.30 | 4 | T | T | 23 | 5 | 2 | 1 |
| TRENTON WSO R | 46.8 | 33.7 | 40.3 | - .4 | 72 | 15 | 26 | 25+ | 759 | 0 | 0 | 15 | 0 | 3.26 | - .58 | .86 | 4 | 3.4 | 1 | 4+ | 7 | 3 | 0 |
| TUCKERTON | 48.6 | 29.7 | 39.2 | | 75 | 15 | 18 | 10 | 794 | 0 | 0 | 21 | 0 | 2.44 | | 1.10 | 4 | 1.1 | T | 4 | 5 | 2 | 1 |
| WOODSTOWN | 51.1 | 30.5 | 40.8 | | 74 | 15 | 20 | 10 | 740 | 0 | 0 | 22 | 0 | 2.51 | | .69 | 4 | | 1 | 4 | 6 | 2 | 0 |
| DIVISION | | | 40.0 | - .9 | | | | | | | | | | 2.80 | - 1.29 | | | 1.6 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 46.5 | 35.2 | 40.9 | - .2 | 56 | 16 | 27 | 25 | 738 | 0 | 0 | 10 | 0 | 1.84 | - 2.17 | .89 | 3 | | | | 4 | 1 | 0 |
| CAPE MAY 1 NW | 46.9 | 33.1 | 40.0 | | 60 | 1 | 21 | 5 | 770 | 0 | 0 | 13 | 0 | 2.34 | | 1.01 | 4 | .0 | 0 | | 4 | 2 | 1 |
| LONG BRANCH 2 S | 46.6 | 31.4 | 39.0 | - .8 | 70 | 16 | 22 | 10 | 799 | 0 | 0 | 19 | 0 | 3.66 | - .71 | 1.28 | 4 | 3.1 | 1 | 4 | 7 | 3 | 1 |
| SANDY HOOK | 43.4M | 32.5M | 38.0M | | | | | | 830 | 0 | 0 | | 0 | 2.00 | | | | | | | | | |
| DIVISION | | | 39.5 | - 1.0 | | | | | | | | | | 2.61 | - 1.32 | | | 1.6 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>6 STATIONS | 75 | DATE | 16+ |
| LOWEST TEMPERATURE<br>LONG VALLEY | 9 | DATE | 09 |
| GREATEST TOTAL PRECIPITATION<br>PATERSON | 4.27 | | |
| LEAST TOTAL PRECIPITATION<br>ATLANTIC CITY WSO | 1.64 | | |
| GREATEST 1 DAY PRECIPITATION<br>BASS RIVER ST FOREST | 1.71 | DATE | 04 |
| GREATEST TOTAL SNOWFALL<br>HIGH POINT PARK | 18.9 | | |
| GREATEST DEPTH OF SNOW<br>LITTLE FALLS | 15 | DATE | 05 |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

NEW JERSEY
MARCH 1971

| Station | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| • • • NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 2.96 | | | .02 | .04 | 1.00 | | .53 | | T | | T | | .12 | | | .25 | | T | | 1.00 | T | T | T | | | | | | | | |
| BERNARDSVILLE 2 E | 3.96 | | | T | 1.24 | .09 | | .61 | .21 | | | .06 | T | .36 | | T | .20 | | | | 1.19 | T | | T | | | | | | | | |
| BLACKWELLS MILLS | 3.01 | | | | .94 | .07 | | .42 | .19 | | | .01 | | .14 | | | .09 | | | | 1.02 | | | .13 | | | | | | | | |
| BOONTON 1 SE | 2.22 | | | T | .94 | .06 | | .72 | .02 | T | | .08 | | T | T | T | | | | | .40 | T | | | | | | | | | | |
| BOUND BROOK 2 W | D 3.13 | | | | .980 | .15 | | .64 | | | | | | .25 | | T | .09 | | | | .98 | | | .04 | | | | | | | | |
| BRANCHVILLE | 2.98 | | | T | 1.33 | .01 | | .48 | .09 | | | .05 | | .09 | | | .04 | | T | | .89 | | | | | | | | | | | |
| CANISTEAR RESERVOIR | 3.31 | | | .11 | 1.35 | .08 | | .55 | .05 | T | | .05 | | .06 | T | T | .05 | | | | 1.01 | | | | | | | | | | | |
| CANOE BROOK | 3.42 | | | T | .96 | .01 | | .72 | .18 | T | | .07 | T | .22 | | T | .05 | | | | 1.21 | T | T | T | | | | | | | | |
| CHARLOTTEBURG | 3.40 | | | .04 | 1.23 | .10 | | .54 | .24 | T | | .06 | | T | T | T | .02 | | | | 1.17 | | | | | | | | | | | |
| CRANFORD | 3.47 | | T | .19 | .83 | | | .81 | T | | | .15 | | .28 | | T | .04 | | | .51 | .58 | | | .08 | | | | | | | | |
| ESSEX FELLS SERV BLDG | 3.23 | | | T | 1.02 | | | .85 | | | | .07 | | .06 | | T | .03 | | | | 1.20 | | | T | | | | | | | | |
| FLEMINGTON 1 NE | 4.21 | | | .07 | 1.30 | .50 | | .52 | .25 | | | .08 | | .15 | .03 | .01 | .03 | | | | 1.15 | T | | .12 | | T | | | | | | |
| GREENWOOD LAKE | 3.52 | | | .05 | 1.10 | .36 | | .42 | .30 | | | .05 | .02 | .05 | .03 | | .04 | | | | 1.10 | | | | | | | | | | | |
| HIGH POINT PARK | 3.18 | | | .05 | 1.30 | .14 | | .05 | .44 | | | .06 | | .14 | | | | | .05 | | .83 | .12 | | | | | | | | | | |
| JERSEY CITY | 3.57 | | | .42 | .76 | | | .70 | | | | .82 | | T | | .20 | | | | .67 | | | | | | | | | | | | |
| LAMBERTVILLE | 3.27 | | | .34 | 1.06 | | | .62 | T | | | .04 | | .02 | | .01 | .15 | | | .56 | .30 | | | .17 | T | | | | | | | |
| LITTLE FALLS | 3.46 | | | .01 | 1.16 | .02 | | .83 | | | | .06 | | .01 | | .01 | .02 | | | | 1.33 | | | .01 | | | | | | | | |
| LONG VALLEY | 4.02 | | | .11 | .55 | 1.05 | | .81 | | | | .06 | | .14 | | T | .05 | | | | 1.25 | | | T | | | | | | | | |
| MAHWAH | 2.03 | | | T | 1.03 | .17 | | .63 | .06 | | | .05 | | .02 | | T | T | | | | .07 | | | T | | | | | | | | |
| MIDLAND PARK | 3.26 | | | .69 | .56 | T | T | .70 | T | T | | .02 | .01 | | | | | | | 1.28 | | | | T | | | | | | | | |
| MILTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MORRIS PLAINS 1 W | 3.86 | | | .02 | 1.20 | .20 | | .72 | .14 | T | | .06 | | | | T | .03 | T | T | | 1.49 | T | T | | | | | | | | | |
| NEWARK WSO R | 3.29 | | T | .35 | .63 | | | .90 | T | | T | .09 | .31 | T | | .04 | | T | | .92 | T | | T | .05 | | | | | | | | |
| NEW MILFORD | 3.01 | | | .53 | .53 | | | .73 | | | | .04 | | | | .04 | | | | 1.14 | | | | | | | | | | | | |
| NEWTON | 3.03 | | | .05 | 1.31 | .02 | | .45 | .11 | | | .06 | | .01 | T | T | .06 | T | | | .96 | T | | | | | | | | | | |
| OAK RIDGE RESERVOIR | 3.00 | | | .08 | 1.11 | .16 | | .49 | .17 | | | .08 | | .06 | | .04 | | | | | .81 | | | | | | | | | | | |
| PATERSON | 4.27 | | | T | 1.47 | .19 | | .96 | | T | | .11 | | .02 | | .03 | .01 | | T | | 1.48 | T | | T | | | | | | | | |
| PHILLIPSBURG | 4.01 | | | .11 | 1.49 | .12 | | .45 | .13 | | | .08 | | .35 | | .02 | .09 | | | | 1.15 | | | | .02 | | | | | | | |
| PLAINFIELD | 3.45 | | | .28 | .88 | | | .78 | T | | | .13 | | .27 | | .04 | | | | 1.02 | T | | T | .05 | | | | | | | | |
| POTTERSVILLE 2 NNW | 4.24 | | | T | 1.15 | .38 | | .78 | .14 | .05 | | .05 | | .29 | | .03 | .05 | | T | | 1.32 | | | | | | | | | | | |
| RAHWAY | 3.10 | | | .56 | .39 | | | .67 | | | T | .09 | .30 | | | .08 | | | | .95 | T | | .01 | .05 | | | | | | | | |
| RINGWOOD | 3.65 | | | .09 | 1.38 | | | .80 | T | | | .04 | | .03 | | T | T | | | | 1.31 | | | | | | | | | | | |
| SOMERVILLE 3 NW | 3.51 | | | .01 | .93 | .16 | | .55 | .28 | | | .14 | | .22 | | .03 | .07 | | | | 1.08 | .01 | T | .03 | | | | | | | | |
| SPLIT ROCK POND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SUSSEX 1 SE | D 3.20 | | | .08 | 1.16 | .21 | | .44 | .10 | | | .06 | | .05 | .04 | | .06 | | 0 .10 | | .90 | T | | T | | | | | | | | |
| WANAQUE RAYMOND DAM | 3.37 | | | .04 | 1.08 | T | | .70 | .25 | | | .05 | | T | | T | | | | | 1.25 | | | | | | | | | | | |
| WERTSVILLE | 2.98 | | | .02 | 1.08 | T | | .59 | .02 | | | .07 | | .08 | | | .12 | | | | .88 | | | .12 | | | | | | | | |
| WEST WHARTON | 3.09 | | | T | .99 | .19 | | .43 | .26 | | | .05 | | .02 | | .02 | | | | | 1.13 | | | | | | | | | | | |
| WOODCLIFF LAKE | 3.71 | | | .67 | .77 | | | .78 | | | | .12 | .02 | .01 | | .02 | | | | 1.30 | | | | .02 | | | | | | | | |
| • • • SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 1.64 | | | .40 | .37 | | | .10 | T | | T | .02 | T | .04 | T | .04 | | | | .32 | .01 | | .11 | .23 | T | | | | | T | | |
| AUDUBON | 2.78 | | | .60 | .53 | | | .33 | | | T | T | T | .05 | | T | | | | .77 | | | .23 | .27 | | | | | | | | |
| BASS RIVER ST FOREST | 2.90 | | | .03 | 1.71 | | | | .17 | | | | | | | .01 | | | | | .44 | | | .54 | | | | | | | | |
| BELLEPLAIN ST FOREST | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BURLINGTON | 3.41 | | | .48 | .76 | | | .40 | | | | | | | | .25 | | | | .65 | .55 | | | .32 | | | | | | | | |
| CANTON | 1.82 | | | .08 | .21 | | | .28 | T | | | | | | | | | | | | T | | | 1.25 | | | | | | | | |
| CHATSWORTH | 2.99 | | | .37 | .83 | | | .44 | | | | .10 | | .05 | | | | | | .31 | .37 | | | .52 | | | | | | | | |
| FORTESCUE | 2.05 | | | .75 | | | | .25 | | | | | | | | | .22 | | | | .38 | | | .45 | | | | | | | | |
| FREEHOLD | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| GLASSBORO | 2.99 | | | .47 | .73 | | | .39 | | | | | | .03 | | .02 | | | | | .85 | | .36 | .14 | | | | | | | | |
| HAMMONTON 2 NNE | 2.88 | | | .23 | .78 | .12 | | .42 | .01 | | | .03 | | .01 | | .01 | .06 | | | | .68 | T | | .53 | | | | | | | | |
| HIGHTSTOWN 1 N | 2.60 | | | .20 | .70 | | | .49 | T | | | .14 | | .02 | | T | .04 | T | | .48 | .22 | T | | .31 | T | | | | | | | |
| INDIAN MILLS 2 W | 3.36 | | | .38 | .86 | | | .57 | T | | | .08 | | .03 | | T | T | | | .55 | .27 | | | .62 | | | | | | | | |
| MAYS LANDING 1 W | 2.80 | | | .12 | 1.43 | T | | T | .14 | | | T | | T | | | .05 | | | | .51 | T | | .55 | T | | | | | | | |
| MILLVILLE FAA AIRPORT | 3.16 | | | .54 | 1.16 | | T | .30 | T | | T | .05 | T | T | | .07 | | | | .53 | T | | .32 | .19 | | | | | | T | | |
| MOORESTOWN | 2.75 | | | .14 | 1.16 | .01 | | | .29 | | | .10 | | T | | .03 | T | T | | | .61 | | | .41 | | | | | | | | |
| NEW BRUNSWICK | 3.14 | | | T | .97 | .20 | | .54 | .03 | T | | .10 | | .16 | T | T | .01 | | T | | .93 | .02 | | .18 | | | | | | | | |
| PEMBERTON 3 E | 2.97 | | | .40 | .65 | | | .59 | | | | .09 | | .07 | | .02 | | | | .29 | .34 | | | .52 | | | | | | | | |
| PRINCETON WATER WORKS | 2.85 | | | .59 | .68 | | | .47 | | | | .05 | T | T | | T | | | | .84 | | | .12 | .10 | | | | | | | | |
| SEABROOK FARMS | 2.53 | | | .28 | .74 | T | | | .30 | | | .01 | | T | | T | .01 | | | | .71 | | | .48 | T | | | | | | | |
| SHILOH | 2.40 | | | .41 | .62 | | | .32 | | | | | | | | | | | | .32 | .23 | | | .43 | .07 | | | | | | | |
| TOMS RIVER | 2.61 | | | .02 | 1.30 | | | .28 | | | | .12 | | .08 | | .01 | | | | | .55 | | | .25 | | | | | | | | |
| TRENTON WSO R | 3.26 | | | .70 | .86 | | | .45 | .02 | | T | .11 | T | .04 | | .05 | | T | | .71 | T | | .13 | .18 | .01 | | | | | | | |
| TUCKERTON | 2.44 | | | .32 | 1.10 | | | .13 | T | | | .03 | | .03 | | .02 | T | T | | .31 | T | | T | .50 | T | | | | | T | | |
| WOODSTOWN | 2.51 | | | .38 | .69 | | | .28 | | T | | .01 | | .01 | | .03 | | | | .41 | .19 | | | .50 | .01 | | | | | | | |
| • • • COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 1.84 | | | .89 | .30 | | | .07 | | | | .04 | .01 | .01 | | .04 | | | | .26 | | | .07 | .15 | | | | | | | | |
| CAPE MAY 1 NW | 2.34 | | | .08 | 1.01 | | | | .01 | | | .03 | | T | | | .23 | | | | .56 | | | .41 | | | | | | | .01 | |
| LONG BRANCH 2 S | 3.66 | | | .38 | 1.28 | | | .53 | T | | | .12 | | .16 | | .02 | | T | | .60 | .09 | | | .48 | | | | | | | T | |
| SANDY HOOK | 2.00 | | | * | * | | | * | 1.71 | T | | .12 | | | | .16 | | .01 | | | | | | | | | | | | | | |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent | | | | Number of days with precipitation | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | Standard of Time EASTERN 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | Percent of Possible sunshine | Average sky cover sunrise to sunset |
| ATLANTIC CITY WSO | 29 | 6.0 | 12.5 | 41++ | 27 | 04 | 64 | 67 | 48 | 55 | 6 | 4 | 6 | 0 | 0 | 0 | 16 | 60 | 5.9 |
| ATLANTIC CITY ST. MARINA | - | - | - | 39 | W | 04 | - | - | - | - | 0 | 6 | 3 | 1 | 0 | 0 | 10 | - | - |
| NEWARK WSO | 29 | 6.1 | 12.4 | 35++ | 24 | 04 | 65 | 69 | 51 | 55 | 7 | 3 | 2 | 3 | 0 | 0 | 15 | - | 6.5 |
| TRENTON WSO | - | - | - | 39 | S | 15+ | - | - | - | - | 4 | 4 | 4 | 3 | 0 | 0 | 15 | 57 | 5.9 |

See reference notes following Station Index.

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 57 | 58 | 39 | 33 | 31 | 45 | 51 | 44 | 32 | 42 | 44 | 51 | 47 | 46 | 58 | 62 | 64 | 43 | 48 | 40 | 40 | 48 | 51 | 46 | 40 | 43 | 39 | 52 | 55 | 55 | 49 | 46.9 |
| | MIN | 32 | 24 | 29 | 25 | 25 | 24 | 24 | 27 | 23 | 18 | 19 | 29 | 30 | 31 | 34 | 31 | 30 | 26 | 27 | 30 | 33 | 27 | 30 | 24 | 22 | 21 | 20 | 19 | 20 | 25 | 24 | 25.9 |
| BOONTON 1 SE | MAX | 54 | 54 | 44 | 35 | 34 | 43 | 52 | 44 | 33 | 41 | 45 | 47 | 46 | 42 | 52 | 68 | 60 | 42 | 43 | 40 | 40 | 45 | 49 | 43 | 35 | 40 | 39 | 46 | 56 | 55 | 48 | 45.6 |
| | MIN | 35 | 28 | 32 | 27 | 25 | 25 | 31 | 29 | 25 | 23 | 25 | 33 | 37 | 38 | 37 | 39 | 35 | 30 | 31 | 31 | 36 | 34 | 31 | 27 | 26 | 27 | 25 | 26 | 39 | 37 | 34 | 30.9 |
| CANOE BROOK | MAX | 56 | 55 | 43 | 34 | 32 | 44 | 55 | 45 | 36 | 41 | 45 | 47 | 50 | 45 | 50 | 69 | 66 | 45 | 46 | 43 | 42 | 48 | 52 | 45 | 38 | 42 | 38 | 48 | 55 | 58 | 51 | 47.2 |
| | MIN | 30 | 25 | 29 | 18 | 24 | 24 | 24 | 29 | 24 | 19 | 25 | 31 | 33 | 29 | 26 | 37 | 30 | 25 | 24 | 33 | 32 | 26 | 30 | 23 | 22 | 24 | 24 | 26 | 31 | 24 | 29 | 26.8 |
| CHARLOTTEBURG | MAX | 50 | 51 | 38 | 32 | 27 | 41 | 45 | 41 | 28 | 35 | 40 | 43 | 42 | 39 | 48 | 64 | 59 | 38 | 39 | 36 | 35 | 40 | 45 | 39 | 30 | 35 | 36 | 45 | 52 | 50 | 42 | 41.5 |
| | MIN | 32 | 27 | 29 | 26 | 22 | 26 | 25 | 25 | 19 | 17 | 18 | 28 | 28 | 29 | 33 | 33 | 31 | 24 | 25 | 28 | 31 | 27 | 28 | 21 | 20 | 21 | 23 | 23 | 25 | 31 | 27 | 25.9 |
| CRANFORD | MAX | 57 | 55 | 43 | 35 | 43 | 55 | 49 | 42 | 41 | 45 | 46 | 49 | 47 | 48 | 74 | 67 | 65 | 47 | 46 | 47 | 47 | 52 | 50 | 41 | 43 | 41 | 50 | 55 | 57 | 53 | 50 | 49.7 |
| | MIN | 35 | 30 | 31 | 25 | 26 | 25 | 39 | 30 | 24 | 21 | 34 | 30 | 37 | 31 | 35 | 35 | 33 | 28 | 26 | 35 | 34 | 29 | 28 | 24 | 24 | 27 | 28 | 28 | 39 | 30 | 31 | 30.1 |
| ESSEX FELLS SERV BLDG | MAX | 56 | 56 | 42 | 34 | 40 | 45 | 50 | 44 | 35 | 38 | 44 | 45 | 45 | 43 | 49 | 70 | 67 | 44 | 44 | 40 | 43 | 45 | 50 | 43 | 35 | 42 | 37 | 48 | 55 | 55 | 48 | 46.2 |
| | MIN | 32 | 26 | 28 | 24 | 20 | 25 | 28 | 26 | 23 | 18 | 32 | 29 | 35 | 30 | 34 | 30 | 30 | 24 | 24 | 30 | 32 | 25 | 30 | 23 | 22 | 23 | 25 | 23 | 32 | 28 | 29 | 27.1 |
| FLEMINGTON 1 NE | MAX | 57 | 53 | 43 | 34 | 31 | 43 | 53 | 45 | 35 | 38 | 45 | 49 | 49 | 48 | 49 | 71 | 66 | 43 | 45 | 44 | 41 | 45 | 51 | 43 | 36 | 42 | 39 | 49 | 54 | 54 | 48 | 46.5 |
| | MIN | 39 | 28 | 26 | 26 | 24 | 24 | 26 | 25 | 20 | 18 | 18 | 30 | 32 | 27 | 33 | 32 | 31 | 25 | 25 | 28 | 33 | 28 | 28 | 24 | 20 | 23 | 25 | 19 | 24 | 25 | 29 | 26.3 |
| HIGH POINT PARK | MAX | 48 | 52 | 32 | 27 | 27 | 38 | 44 | 45 | 34 | 44 | 34 | 40 | 40 | 36 | 44 | 58 | 55 | 35 | 36 | 36 | 34 | 37 | 40 | 34 | 32 | 32 | 33 | 43 | 47 | 49 | 39 | 39.5 |
| | MIN | 32 | 21 | 20 | 19 | 14 | 14 | 29 | 22 | 10 | 14 | 18 | 18 | 25 | 30 | 30 | 38 | 28 | 21 | 21 | 20 | 21 | 26 | 23 | 16 | 16 | 11 | 11 | 19 | 19 | 19 | 22 | 20.9 |
| JERSEY CITY | MAX | 54 | 43 | 39 | 36 | 44 | 50 | 44 | 36 | 40 | 39 | 44 | 49 | 42 | 46 | 57 | 66 | 45 | 45 | 40 | 41 | 46 | 51 | 43 | 35 | 41 | 37 | 49 | 49 | 55 | 49 | 48 | 45.3 |
| | MIN | 42 | 35 | 32 | 27 | 27 | 37 | 36 | 28 | 28 | 25 | 31 | 34 | 38 | 37 | 39 | 45 | 31 | 29 | 34 | 36 | 37 | 34 | 30 | 28 | 27 | 29 | 31 | 31 | 40 | 38 | 33 | 33.2 |
| LAMBERTVILLE | MAX | 57 | 50 | 41 | 34 | 45 | 56 | 53 | 41 | 40 | 48 | 52 | 50 | 47 | 48 | 73 | 67 | 53 | 48 | 46 | 50 | 47 | 53 | 47 | 41 | 43 | 40 | 51 | 56 | 55 | 50 | 51 | 49.5 |
| | MIN | 33 | 25 | 31 | 26 | 24 | 25 | 37 | 17 | 20 | 20 | 35 | 29 | 37 | 33 | 37 | 35 | 30 | 28 | 28 | 35 | 24 | 30 | 30 | 17 | 24 | 25 | 20 | 21 | 39 | 27 | 25 | 28.0 |
| LITTLE FALLS | MAX | 57 | 56 | 43 | 37 | 36 | 45 | 53 | 47 | 35 | 40 | 44 | 46 | 48 | 42 | 50 | 67 | 63 | 44 | 44 | 42 | 42 | 46 | 50 | 43 | 36 | 41 | 39 | 49 | 55 | 55 | 48 | 46.5 |
| | MIN | 37 | 31 | 32 | 26 | 27 | 27 | 34 | 24 | 24 | 23 | 29 | 32 | 35 | 31 | 37 | 40 | 33 | 27 | 29 | 34 | 35 | 31 | 31 | 25 | 23 | 25 | 27 | 27 | 36 | 33 | 31 | 30.2 |
| LONG VALLEY | MAX | 55 | 54 | 40 | 33 | 34 | 46 | 51 | 44 | 32 | 38 | 41 | 46 | 45 | 48 | 53 | 65 | 63 | 41 | 43 | 39 | 40 | 49 | 49 | 41 | 34 | 38 | 39 | 48 | 53 | 53 | 46 | 45.2 |
| | MIN | 32 | 23 | 29 | 24 | 18 | 25 | 33 | 24 | 9 | 16 | 22 | 27 | 32 | 30 | 33 | 32 | 28 | 24 | 25 | 31 | 23 | 24 | 25 | 20 | 18 | 24 | 23 | 18 | 36 | 23 | 24 | 25.0 |
| MORRIS PLAINS 1 W | MAX | 57 | 57 | 42 | 33 | 30 | 43 | 51 | 45 | 34 | 41 | 44 | 47 | 48 | 43 | 51 | 69 | 66 | 44 | 44 | 40 | 41 | 46 | 50 | 43 | 35 | 41 | 38 | 48 | 55 | 56 | 48 | 46.1 |
| | MIN | 33 | 29 | 30 | 25 | 24 | 24 | 29 | 27 | 26 | 18 | 25 | 31 | 30 | 29 | 34 | 37 | 32 | 27 | 24 | 31 | 32 | 25 | 30 | 23 | 22 | 23 | 26 | 23 | 28 | 23 | 29 | 27.4 |
| NEWARK WSO | MAX | 55 | 45 | 39 | 36 | 44 | 54 | 47 | 37 | 42 | 44 | 48 | 48 | 45 | 49 | 70 | 69 | 47 | 47 | 50 | 45 | 48 | 53 | 45 | 38 | 44 | 39 | 52 | 57 | 58 | 52 | 52 | 48.4 |
| | MIN | 40 | 33 | 34 | 28 | 29 | 34 | 35 | 30 | 28 | 27 | 36 | 35 | 40 | 37 | 39 | 43 | 32 | 30 | 35 | 37 | 36 | 35 | 34 | 28 | 26 | 31 | 33 | 33 | 42 | 37 | 35 | 33.9 |
| NEWTON | MAX | 53 | 53 | 38 | 32 | 32 | 34 | 50 | 43 | 33 | 38 | 42 | 45 | 45 | 43 | 55 | 64 | 62 | 40 | 43 | 40 | 39 | 44 | 48 | 40 | 34 | 39 | 37 | 48 | 54 | 52 | 45 | 44.0 |
| | MIN | 32 | 24 | 28 | 23 | 22 | 22 | 25 | 27 | 21 | 17 | 23 | 30 | 30 | 30 | 35 | 32 | 32 | 25 | 27 | 32 | 32 | 25 | 28 | 21 | 11 | 20 | 22 | 17 | 25 | 27 | 27 | 25.5 |
| PATERSON | MAX | 60 | 58 | 45 | 35 | 35 | 45 | 54 | 44 | 38 | 40 | 47 | 45 | 49 | 43 | 50 | 66 | 69 | 45 | 46 | 43 | 45 | 46 | 54 | 45 | 36 | 44 | 38 | 50 | 57 | 58 | 52 | 47.8 |
| | MIN | 38 | 33 | 32 | 28 | 28 | 30 | 35 | 30 | 25 | 25 | 28 | 35 | 35 | 34 | 34 | 38 | 35 | 28 | 31 | 35 | 35 | 35 | 32 | 25 | 25 | 28 | 28 | 28 | 33 | 34 | 31 | 31.3 |
| PHILLIPSBURG | MAX | 58 | 57 | 42 | 36 | 31 | 45 | 53 | 46 | 34 | 41 | 46 | 50 | 51 | 47 | 55 | 68 | 65 | 44 | 48 | 43 | 41 | 47 | 52 | 46 | 38 | 44 | 42 | 53 | 57 | 55 | 49 | 47.9 |
| | MIN | 34 | 26 | 28 | 26 | 26 | 23 | 25 | 28 | 24 | 21 | 20 | 31 | 31 | 31 | 30 | 32 | 33 | 28 | 28 | 32 | 33 | 30 | 30 | 25 | 24 | 25 | 24 | 22 | 26 | 29 | 29 | 27.5 |
| PLAINFIELD | MAX | 54 | 46 | 35 | 32 | 43 | 55 | 46 | 38 | 42 | 47 | 48 | 50 | 45 | 48 | 75 | 69 | 47 | 47 | 48 | 42 | 47 | 52 | 47 | 37 | 44 | 39 | 53 | 57 | 57 | 52 | 52 | 48.2 |
| | MIN | 36 | 28 | 32 | 27 | 26 | 27 | 38 | 29 | 25 | 23 | 34 | 28 | 37 | 31 | 36 | 36 | 34 | 27 | 28 | 35 | 34 | 28 | 31 | 25 | 22 | 27 | 28 | 27 | 37 | 28 | 29 | 30.1 |
| SOMERVILLE 3 NW | MAX | 57 | 53 | 46 | 34 | 31 | 43 | 52 | 45 | 35 | 39 | 44 | 49 | 48 | 46 | 49 | 72 | 67 | 44 | 45 | 46 | 41 | 45 | 51 | 43 | 35 | 41 | 39 | 49 | 54 | 55 | 49 | 46.7 |
| | MIN | 35 | 27 | 28 | 30 | 23 | 26 | 34 | 29 | 24 | 19 | 21 | 28 | 29 | 29 | 31 | 30 | 29 | 27 | 26 | 31 | 33 | 25 | 30 | 24 | 23 | 23 | 25 | 24 | 27 | 25 | 30 | 27.4 |
| SUSSEX 1 SE | MAX | 51 | 52 | 35 | 31 | 29 | 41 | 49 | 48 | 31 | 35 | 39 | 43 | 43 | 39 | 47 | 61 | 60 | 41 | 41 | 37 | 38 | 42 | 43 | 40 | 32 | 37 | 37 | 47 | 48 | 51 | 45 | 42.3 |
| | MIN | 30 | 21 | 24 | 21 | 11 | 16 | 18 | 24 | 18 | 16 | 18 | 24 | 28 | 26 | 28 | 30 | 28 | 23 | 22 | 26 | 29 | 22 | 26 | 18 | 18 | 17 | 18 | 16 | 26 | 22 | 25 | 22.2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | MAX | 56 | 41 | 40 | 41 | 48 | 52 | 47 | 37 | 41 | 41 | 52 | 51 | 53 | 45 | 61 | 67 | 45 | 47 | 50 | 46 | 48 | 54 | 43 | 37 | 42 | 36 | 49 | 50 | 51 | 50 | 50 | 47.5 |
| | MIN | 29 | 30 | 34 | 30 | 32 | 28 | 35 | 29 | 28 | 19 | 35 | 28 | 33 | 39 | 40 | 44 | 31 | 26 | 27 | 37 | 32 | 27 | 32 | 29 | 23 | 25 | 26 | 24 | 35 | 30 | 29 | 30.5 |
| AUDUBON | MAX | 59 | 44 | 42 | 39 | 46 | 60 | 59 | 39 | 42 | 52 | 53 | 52 | 53 | 51 | 75 | 69 | 66 | 49 | 53 | 42 | 49 | 56 | 46 | 40 | 45 | 38 | 53 | 56 | 55 | 51 | 52 | 51.2 |
| | MIN | 40 | 33 | 31 | 30 | 27 | 30 | 35 | 30 | 28 | 25 | 38 | 32 | 38 | 38 | 39 | 45 | 34 | 29 | 33 | 37 | 35 | 32 | 31 | 29 | 24 | 28 | 29 | 30 | 41 | 33 | 33 | 32.8 |
| BELLEPLAIN ST FOREST | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BURLINGTON | MAX | 59 | 52 | 42 | 37 | 46 | 55 | 46 | 44 | | 44 | 50 | 50 | | | 68 | 65 | 68 | | 54 | 47 | 48 | | | | | | 48 | | | 50 | 48 | |
| | MIN | 44 | 35 | 30 | 31 | 33 | 34 | 38 | 32 | | | 43 | 35 | | 37 | | | | | 36 | | | 30 | | | | | 27 | | | | | |
| CHATSWORTH | MAX | 60 | 53 | 41 | 37 | 47 | 59 | 50 | 44 | 42 | 47 | 52 | 52 | 49 | 54 | 71 | 69 | 64 | 50 | 48 | 52 | 50 | 59 | 52 | 42 | 47 | 44 | 52 | 60 | 60 | 48 | 54 | 51.9 |
| | MIN | 27 | 27 | 32 | 25 | | 23 | 34 | 27 | 26 | 22 | 36 | 26 | 34 | 37 | 36 | 38 | 35 | 25 | 25 | 35 | 35 | 26 | 29 | 25 | 19 | 23 | 25 | 21 | 30 | 21 | 26 | 28.3 |
| FREEHOLD | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GLASSBORO | MAX | 61 | 57 | 42 | 37 | 35 | 48 | 48 | 48 | 41 | 37 | 49 | 52 | 51 | 50 | 54 | 74 | 68 | 50 | 45 | 52 | 42 | 45 | 54 | 45 | 38 | 43 | 42 | 49 | 55 | 53 | 49 | 48.8 |
| | MIN | 34 | 34 | 32 | 26 | 20 | 33 | 39 | 29 | 24 | 27 | 29 | 31 | 34 | 36 | 38 | 44 | 35 | 28 | 31 | 35 | 32 | 29 | 31 | 28 | 25 | 28 | 28 | 29 | 33 | 31 | 32 | 31.1 |
| HAMMONTON 2 NNE | MAX | 60 | 61 | 42 | 39 | 33 | 48 | 59 | 50 | 40 | 44 | 47 | 54 | 53 | 59 | 54 | 75 | 68 | 45 | 49 | 55 | 46 | 51 | 56 | 46 | 41 | 45 | 37 | 50 | 58 | 53 | 53 | 50.7 |
| | MIN | 37 | 30 | 29 | 26 | 25 | 29 | 36 | 28 | 24 | 21 | 29 | 27 | 34 | 35 | 35 | 44 | 32 | 24 | 29 | 36 | 31 | 27 | 29 | 25 | 21 | 25 | 26 | 25 | 38 | 31 | 28 | 29.5 |
| HIGHTSTOWN 1 N | MAX | 57 | 48 | 40 | 35 | 44 | 55 | 48 | 39 | 40 | 47 | 50 | 50 | 46 | 49 | 75 | 67 | 54 | 46 | 44 | 52 | 47 | 53 | 46 | 39 | 43 | 37 | 50 | 55 | 55 | 50 | 50 | 48.7 |
| | MIN | 36 | 29 | 32 | 26 | 26 | 27 | 39 | 28 | 26 | 22 | 35 | 29 | 37 | 35 | 36 | 43 | 34 | 26 | 27 | 36 | 33 | 32 | 30 | 26 | 24 | 27 | 27 | 23 | 39 | 31 | 29 | 30.6 |
| INDIAN MILLS 2 W | MAX | 58 | 49 | 40 | 37 | 47 | 58 | 48 | 40 | 40 | 47 | 51 | 51 | 50 | 53 | 74 | 69 | 57 | 46 | 51 | 53 | 47 | 54 | 49 | 38 | 42 | 37 | 50 | 56 | 52 | 50 | 50 | 49.8 |
| | MIN | 27 | 27 | 32 | 27 | 27 | 25 | 38 | 28 | 26 | 17 | 36 | 26 | 36 | 37 | 36 | 41 | 36 | 24 | 25 | 37 | 33 | 25 | 30 | 27 | 22 | 23 | 28 | 19 | 38 | 26 | 29 | 29.3 |
| MILLVILLE FAA AIRPORT | MAX | 55 | 43 | 39 | 39 | 48 | 58 | 51 | 38 | 42 | 46 | 52 | 51 | 61 | 53 | 67 | 66 | 45 | 47 | 50 | 44 | 48 | 55 | 44 | 39 | 42 | 38 | 50 | 55 | 51 | 47 | 51 | 48.9 |
| | MIN | 29 | 31 | 33 | 29 | 31 | 25 | 36 | 29 | 28 | 17 | 35 | 29 | 39 | 39 | 38 | 41 | 32 | 27 | 29 | 36 | 30 | 29 | 32 | 28 | 24 | 27 | 28 | 24 | 36 | 28 | 29 | 30.6 |
| MOORESTOWN | MAX | 61 | 59 | 43 | 36 | 32 | 46 | 57 | 49 | 39 | 41 | 50 | 53 | 51 | 49 | 49 | 73 | 67 | 43 | 48 | 53 | 44 | 47 | 55 | 46 | 38 | 37 | 41 | 55 | 50 | 54 | 50 | 48.9 |
| | MIN | 39 | 31 | 32 | 28 | 27 | 31 | 40 | 31 | 28 | 22 | 31 | 29 | 37 | 38 | 37 | 45 | 36 | 27 | 29 | 36 | 35 | 30 | 31 | 28 | 24 | 28 | 25 | 26 | 41 | 31 | 31 | 31.7 |
| NEW BRUNSWICK | MAX | 58 | 53 | 43 | 36 | 31 | 43 | 54 | 45 | 35 | 39 | 45 | 48 | 47 | 42 | 47 | 73 | 66 | 44 | 46 | 52 | 43 | 45 | 52 | 44 | 35 | 45 | 36 | 49 | 54 | 55 | 49 | 46.9 |
| | MIN | 39 | 30 | 35 | 29 | 28 | 29 | 34 | 29 | 24 | 23 | 29 | 31 | 33 | 32 | 35 | 39 | 33 | 27 | 29 | 34 | 32 | 32 | 30 | 25 | 23 | 27 | 28 | 26 | 36 | 33 | 31 | 30.5 |
| PEMBERTON 3 E | MAX | 60 | 54 | 40 | 37 | 47 | 58 | 50 | 43 | 42 | 49 | 52 | 54 | 50 | 53 | 75 | 71 | 63 | 48 | 46 | 51 | 48 | 55 | 51 | 42 | 45 | 40 | 51 | 57 | 55 | 52 | 53 | 51.4 |
| | MIN | 29 | 28 | 32 | 27 | 27 | 26 | 36 | 30 | 26 | 19 | 36 | 37 | 36 | 38 | 37 | 43 | 31 | 27 | 26 | 37 | 32 | 28 | 29 | 27 | 22 | 27 | 27 | 24 | 39 | 25 | 27 | 30.2 |
| SEABROOK FARMS | MAX | 59 | 57 | 43 | 38 | 33 | 47 | 58 | 49 | 38 | 41 | 47 | 53 | 52 | 55 | 50 | 71 | 68 | 44 | 48 | 52 | 45 | 48 | 55 | 44 | 39 | 43 | 38 | 50 | 55 | 51 | 50 | 49.1 |
| | MIN | 32 | 31 | 33 | 28 | 28 | 27 | | 30 | 27 | 21 | 34 | 29 | 34 | 37 | 39 | 43 | 35 | 28 | 30 | 39 | 33 | 30 | 32 | 28 | 25 | 28 | 30 | 25 | 40 | 29 | 29 | 31.1 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

NEW JERSEY
MARCH 1971

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SHILOH | MAX | 58 | 54 | 43 | 37 | 47 | 57 | 48 | 42 | 41 | 44 | 53 | 50 | 57 | 54 | 70 | 67 | 65 | 47 | 48 | 50 | 48 | 54 | 50 | 38 | 43 | 41 | 50 | 53 | 51 | 50 | 51 | 50.4 |
| | MIN | 33 | 32 | 32 | 27 | 28 | 30 | 39 | 30 | 26 | 23 | 38 | 30 | 37 | 38 | 38 | 42 | 35 | 26 | 32 | 33 | 29 | 31 | 32 | 27 | 24 | 28 | 28 | 29 | 40 | 35 | 31 | 31.7 |
| TOMS RIVER | MAX | 61 | 58 | 40 | 38 | 33 | 48 | 53 | 48 | 39 | 41 | 43 | 51 | 49 | 46 | 55 | 68 | 69 | 45 | 47 | 53 | 45 | 48 | 53 | 45 | 37 | 43 | 38 | 50 | 50 | 53 | 50 | 48.3 |
| | MIN | 28 | 28 | 33 | 31 | 27 | 28 | 37 | 29 | 15 | 19 | 28 | 28 | 36 | 38 | 35 | 42 | 37 | 24 | 26 | 37 | 34 | 30 | 31 | 26 | 24 | 24 | 30 | 22 | 40 | 29 | 29 | 29.8 |
| TRENTON WSO | MAX | 56 | 43 | 39 | 35 | 44 | 54 | 46 | 36 | 40 | 47 | 50 | 49 | 45 | 47 | 72 | 66 | 43 | 45 | 52 | 42 | 44 | 52 | 42 | 35 | 42 | 34 | 48 | 52 | 54 | 47 | 49 | 46.8 |
| | MIN | 43 | 37 | 32 | 28 | 30 | 37 | 35 | 29 | 28 | 29 | 36 | 34 | 39 | 39 | 39 | 43 | 30 | 30 | 35 | 36 | 36 | 36 | 32 | 26 | 26 | 29 | 30 | 32 | 41 | 36 | 32 | 33.7 |
| TUCKERTON | MAX | 59 | 44 | 39 | 40 | 47 | 52 | 48 | 40 | 42 | 42 | 53 | 50 | 48 | 45 | 75 | 61 | 53 | 49 | 48 | 51 | 49 | 53 | 45 | 40 | 45 | 36 | 48 | 48 | 52 | 53 | 51 | 48.6 |
| | MIN | 27 | 28 | 34 | 28 | 28 | 25 | 35 | 29 | 26 | 18 | 37 | 27 | 36 | 38 | 37 | 41 | 34 | 25 | 26 | 35 | 32 | 26 | 32 | 24 | 22 | 24 | 29 | 24 | 38 | 28 | 28 | 29.7 |
| WOODSTOWN | MAX | 57 | 54 | 41 | 37 | 47 | 57 | 50 | 46 | 42 | 48 | 56 | 50 | 52 | 51 | 74 | 68 | 63 | 50 | 51 | 52 | 48 | 55 | 51 | 41 | 45 | 46 | 50 | 56 | 45 | 50 | 52 | 51.1 |
| | MIN | 31 | 32 | 32 | 28 | 24 | 26 | 39 | 27 | 25 | 20 | 38 | 29 | 37 | 37 | 39 | 40 | 34 | 28 | 28 | 35 | 30 | 30 | 32 | 28 | 24 | 27 | 29 | 22 | 28 | 35 | 30 | 30.5 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 54 | 42 | 40 | 42 | 48 | 52 | 50 | 39 | 42 | 42 | 53 | 44 | 50 | 44 | 55 | 56 | 47 | 48 | 51 | 44 | 47 | 54 | 44 | 37 | 43 | 37 | 43 | 44 | 51 | 50 | 49 | 46.5 |
| | MIN | 39 | 39 | 37 | 32 | 33 | 37 | 38 | 31 | 31 | 30 | 38 | 33 | 42 | 41 | 42 | 47 | 33 | 31 | 37 | 37 | 36 | 37 | 33 | 29 | 27 | 33 | 32 | 30 | 40 | 35 | 32 | 35.2 |
| CAPE MAY 1 NW | MAX | 60 | 53 | 42 | 45 | 35 | 48 | 52 | 47 | 39 | 41 | 43 | 50 | 46 | 53 | 44 | 57 | 56 | 47 | 45 | 51 | 47 | 48 | 55 | 45 | 40 | 41 | 38 | 44 | 46 | 48 | 48 | 46.9 |
| | MIN | 38 | 33 | 37 | 30 | 21 | 32 | 33 | 32 | 28 | 25 | 32 | 35 | 36 | 37 | 39 | 43 | 37 | 31 | 33 | 39 | 35 | 35 | 35 | 31 | 28 | 29 | 30 | 29 | 34 | 34 | 34 | 33.1 |
| LONG BRANCH 2 S | MAX | 54 | 42 | 38 | 36 | 44 | 50 | 47 | 39 | 41 | 40 | 48 | 46 | 41 | 44 | 61 | 70 | 57 | 46 | 45 | 45 | 48 | 47 | 44 | 39 | 44 | 38 | 48 | 48 | 53 | 51 | 50 | 46.6 |
| | MIN | 35 | 30 | 33 | 28 | 26 | 30 | 38 | 30 | 26 | 22 | 35 | 30 | 37 | 35 | 37 | 43 | 37 | 26 | 27 | 38 | 33 | 31 | 31 | 25 | 23 | 29 | 31 | 25 | 39 | 30 | 32 | 31.4 |
| SANDY HOOK | MAX | 50 | 44 | 36 | 34 | 38 | 45 | 41 | 40 | 38 | 39 | 41 | 45 | 38 | 43 | 60 | | 42 | 44 | 43 | 46 | 42 | 48 | 43 | 40 | | | 46 | 49 | 46 | 47 | 47 | 43.4 |
| | MIN | 38 | 32 | 32 | 28 | 27 | 33 | 36 | 29 | 26 | 27 | 34 | 32 | 36 | 34 | 35 | | 39 | 30 | 34 | 34 | 34 | 34 | 31 | 27 | | | 31 | 32 | 38 | 36 | 32 | 32.5 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 47 | 44 | 37 | 36 | 37 | 37 | 41 | 35 | 34 | 40 | 42 | 46 | 44 | 46 | 53 | 55 | 47 | 47 | 44 | 43 | 45 | 50 | 47 | 39 | 43 | 40 | 46 | 51 | 47 | 49 | 50 | 43.9 |
| | | MIN | 37 | 36 | 36 | 35 | 35 | 35 | 35 | 34 | 33 | 33 | 35 | 35 | 40 | 38 | 40 | 45 | 37 | 35 | 37 | 37 | 36 | 36 | 37 | 34 | 34 | 34 | 34 | 34 | 39 | 38 | 36 | 36.1 |
| | 2 | MAX | 45 | 43 | 37 | 36 | 37 | 37 | 40 | 35 | 34 | 38 | 41 | 44 | 43 | 44 | 51 | 52 | 47 | 45 | 43 | 43 | 43 | 47 | 46 | 39 | 41 | 39 | 44 | 47 | 46 | 47 | 47 | 42.6 |
| | | MIN | 38 | 37 | 36 | 36 | 36 | 35 | 35 | 34 | 34 | 34 | 36 | 35 | 40 | 39 | 40 | 45 | 38 | 37 | 38 | 38 | 37 | 37 | 39 | 35 | 34 | 35 | 35 | 35 | 40 | 39 | 38 | 36.9 |
| | 4 | MAX | 44 | 41 | 38 | 36 | 38 | 37 | 38 | 37 | 36 | 37 | 39 | 42 | 42 | 44 | 49 | 51 | 47 | 44 | 42 | 42 | 42 | 45 | 42 | 41 | 40 | 39 | 42 | 45 | 45 | 45 | 46 | 41.8 |
| | | MIN | 39 | 38 | 36 | 36 | 36 | 36 | 37 | 35 | 35 | 34 | 37 | 39 | 41 | 41 | 41 | 47 | 39 | 37 | 37 | 40 | 39 | 39 | 41 | 36 | 35 | 36 | 36 | 36 | 41 | 40 | 39 | 38.0 |
| | 8 | MAX | 41 | 42 | 38 | 37 | 39 | 38 | 39 | 38 | 38 | 37 | 39 | 43 | 43 | 43 | 45 | 48 | 45 | 42 | 43 | 42 | 43 | 42 | 44 | 39 | 40 | 38 | 40 | 42 | 43 | 43 | 43 | 41.2 |
| | | MIN | 39 | 38 | 37 | 37 | 37 | 38 | 38 | 36 | 37 | 35 | 37 | 39 | 42 | 41 | 41 | 45 | 42 | 40 | 42 | 42 | 42 | 39 | 39 | 38 | 38 | 37 | 37 | 38 | 42 | 41 | 40 | 39.2 |
| | 20 | MAX | 40 | 41 | 39 | 38 | 38 | 39 | 38 | 38 | 38 | 37 | 38 | 39 | 40 | 40 | 41 | 43 | 43 | 42 | 42 | 42 | 41 | 41 | 42 | 41 | 40 | 40 | 40 | 41 | 42 | 42 | 42 | 40.3 |
| | | MIN | 39 | 39 | 38 | 38 | 38 | 37 | 37 | 38 | 37 | 37 | 37 | 38 | 39 | 40 | 40 | 41 | 42 | 41 | 41 | 41 | 40 | 40 | 41 | 40 | 40 | 39 | 39 | 39 | 41 | 41 | 41 | 39.3 |
| | 40 | MAX | 40 | 41 | 39 | 39 | 39 | 40 | 39 | 39 | 39 | 39 | 39 | 39 | 40 | 40 | 41 | 41 | 42 | 42 | 42 | 42 | 41 | 41 | 42 | 41 | 41 | 41 | 41 | 41 | 42 | 42 | 42 | 40.5 |
| | | MIN | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 40 | 40 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 40 | 40 | 41 | 41 | 41 | 40.0 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 53 | 46 | 37 | 36 | 36 | 36 | 45 | 39 | 38 | 47 | 45 | 54 | 47 | 50 | 63 | 61 | 52 | 52 | 43 | 47 | 49 | 57 | 53 | 41 | 47 | 40 | 54 | 60 | 51 | 55 | 56 | 48.1 |
| | | MIN | 37 | 36 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | 40 | 37 | 40 | 43 | 35 | 35 | 35 | 36 | 35 | 35 | 36 | 34 | 34 | 34 | 34 | 34 | 36 | 35 | 35 | 35.5 |
| | 2 | MAX | 51 | 46 | 37 | 36 | 36 | 36 | 45 | 38 | 38 | 45 | 45 | 52 | 46 | 49 | 60 | 59 | 51 | 50 | 43 | 46 | 47 | 54 | 51 | 40 | 46 | 39 | 51 | 57 | 50 | 53 | 54 | 46.8 |
| | | MIN | 37 | 36 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | 40 | 37 | 40 | 44 | 35 | 35 | 35 | 36 | 35 | 35 | 36 | 34 | 34 | 34 | 34 | 34 | 36 | 35 | 35 | 35.5 |
| | 4 | MAX | 47 | 44 | 38 | 36 | 36 | 36 | 42 | 37 | 37 | 41 | 42 | 46 | 44 | 45 | 53 | 54 | 47 | 46 | 42 | 44 | 44 | 48 | 47 | 40 | 42 | 38 | 46 | 50 | 47 | 49 | 49 | 43.8 |
| | | MIN | 40 | 38 | 36 | 35 | 34 | 34 | 34 | 35 | 35 | 35 | 37 | 36 | 40 | 39 | 41 | 47 | 39 | 37 | 37 | 38 | 36 | 36 | 39 | 36 | 35 | 36 | 35 | 36 | 40 | 38 | 37 | 37.1 |
| | 8 | MAX | 44 | 44 | 40 | 37 | 37 | 37 | 39 | 37 | 37 | 39 | 40 | 42 | 44 | 42 | 48 | 49 | 47 | 42 | 41 | 42 | 42 | 44 | 44 | 40 | 41 | 38 | 41 | 44 | 44 | 45 | 45 | 41.8 |
| | | MIN | 41 | 40 | 37 | 36 | 35 | 35 | 35 | 36 | 36 | 36 | 38 | 37 | 40 | 40 | 41 | 47 | 42 | 40 | 39 | 40 | 38 | 38 | 40 | 38 | 37 | 37 | 37 | 38 | 42 | 40 | 40 | 38.6 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

| | |
|---|---|
| SUB-STA 1 | : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER. |
| SUB-STA 2 | : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES. |

# SNOWFALL AND SNOW ON GROUND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | | | .3 | 4.5 | .5 | | | | | | T | | | | | | | T | | .8 | T | T | T | | | | | | | | |
| | SN ON GND | | | T | 5 | 5 | 4 | 1 | 1 | T | T | | | | | | | | | | T | | | | | | | | | | | |
| CHARLOTTEBURG | SNOWFALL | | | .5 | 4.0 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | T | 4 | 5 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| FLEMINGTON 1 NE | SNOWFALL | | | .6 | 3.0 | 8.0 | | | T | | | | | | | | .5 | | | | T | T | | .5 | | T | | | | | | |
| | SN ON GND | | | 1 | 3 | 10 | 4 | T | | | | | | | | | | | | | | | | 1 | | T | | | | | | |
| LAMBERTVILLE | SNOWFALL | | | 1.0 | 3.0 | | | | T | | | | | | | | | | | | T | | | T | T | | | | | | | |
| | SN ON GND | | | 1 | 4 | 2 | T | T | | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | SNOWFALL | | | 1.0 | 14.0 | 2.0 | | | | | | T | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | 1 | 14 | 15 | 10 | T | | | | T | | | | | | | | | | | | | | | | | | | | |
| LONG VALLEY | SNOWFALL | | | 1.0 | 3.0 | 1.0 | | | | | | .5 | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | - | - | - | | | | | | - | | | | | | | | | | | | | | | | | | | | |
| MORRIS PLAINS 1 W | SNOWFALL | | | .5 | 3.5 | 2.5 | | | | T | | T | | | | | | T | | | 1.0 | T | T | | | | | | | | | |
| | SN ON GND | | | 1 | 4 | 7 | 5 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| NEWARK WSO | SNOWFALL | | T | .2 | 3.7 | | | | T | | T | T | T | | | | | T | | | T | | T | .3 | | | | | | | | |
| | SN ON GND | | | | T | 4 | T | | | | | | | | | | | | | | | | | T | | | | | | | | |
| | WTR EQUIV | | | | .3 | - | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWTON | SNOWFALL | | | .5 | 4.5 | T | | | | | | .5 | | | | | | T | | | .5 | | | | | | | | | | | |
| | SN ON GND | | | 1 | 5 | 3 | 3 | 2 | 1 | 1 | 1 | 1 | | | | | | T | | | T | | | | | | | | | | | |
| PATERSON | SNOWFALL | | | T | 3.6 | .9 | | | | T | | | | | | | | | T | | | T | | T | | | | | | | | |
| | SN ON GND | | | | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PHILLIPSBURG | SNOWFALL | | | | 5.0 | 1.0 | | | | | | | | | | | | | | | | | | | T | | | | | | | |
| | SN ON GND | | | | 5 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLAINFIELD | SNOWFALL | | | 1.0 | 3.5 | | | | T | | | | | | | | | | | | T | | T | T | | | | | | | | |
| | SN ON GND | | | 1 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAHWAY | SNOWFALL | | | | 2.2 | | | | | | | | | | | | | | | | T | | | T | | | | | | | | |
| | SN ON GND | | | | 2 | 1 | T | | | | | | | | | | | | | | T | | | T | | | | | | | | |
| SOMERVILLE 3 NW | SNOWFALL | | | T | 2.0 | 1.0 | | | | | | | | | | | | | | | | | T | T | | | | | | | | |
| | SN ON GND | | | T | 2 | 3 | 1 | T | | | | | | | | | | | | | | | | T | | | | | | | | |
| WANAQUE RAYMOND DAM | SNOWFALL | | | .3 | 3.5 | | | | | | | T | | | | | | | | | T | | | | | | | | | | | |
| | SN ON GND | | | T | 4 | 2 | 1 | | | | | T | | | | | | | | | | | | | | | | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | SNOWFALL | | | T | T | | | | T | | | | | | | | | | | | T | | | .9 | T | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | T | | | | | | | | |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | SNOWFALL | | | 1.0 | 2.2 | | | | T | | | | | | | | | T | | | T | T | | 1.7 | T | | | | | | | |
| | SN ON GND | | | T | 2 | T | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INDIAN HILLS 2 W | SNOWFALL | | | 1.0 | 1.6 | | | | T | | | | | | | | | | | | | | | 1.8 | | | | | | | | |
| | SN ON GND | | | T | T | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAYS LANDING 1 W | SNOWFALL | | | | .5 | | | | | | | | | | | | | | | | | | | T | | | | | | | | |
| | SN ON GND | | | | 1 | | | | | | | | | | | | | | | | | | | T | | | | | | | | |
| MILLVILLE FAA AIRPORT | SNOWFALL | | | | T | | | | T | | T | | | | | | | | | | T | | T | T | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOORESTOWN | SNOWFALL | | | T | - | T | | | T | | | | | | | T | | T | | | T | | | - | | | | | | | | |
| | SN ON GND | | | T | 2 | 1 | | | | | | | | | | | | | | | | | | 1 | | | | | | | | |
| NEW BRUNSWICK | SNOWFALL | | | T | .3 | 1.3 | | | | T | | | | | | | | | T | | | T | | .8 | | | | | | | | |
| | SN ON GND | | | | T | 1 | T | T | T | | | | | | | | | | | | | | | 1 | | | | | | | | |
| PEMBERTON 3 E | SNOWFALL | | | T | 1.0 | | | | | | | | | | | | | | | | | | | 2.5 | | | | | | | | |
| | SN ON GND | | | T | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRENTON WSO | SNOWFALL | | | .6 | 2.0 | | | | .2 | | T | T | | | | | | T | | | T | | T | .5 | .1 | | | | | | | |
| | SN ON GND | | | 1 | 1 | T | | | | | | | | | | | | | | | | | | T | T | | | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2 S | SNOWFALL | | | .5 | .6 | | | | T | | | | | | | | | T | | | T | | | 2.0 | | | | | | | T | |
| | SN ON GND | | | T | 1 | T | | | | | | | | | | | | | | | | | | T | T | | | | | | | | |

See Reference Notes Following Station Index

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES |  |  |  | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) |  |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 |  |  |  | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WSO | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID |  | C HJ | NATL WEATHER SERVICE |
| #ATLANTIC CITY R | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID |  | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P |  |  | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 |  | 9A |  | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P |  |  | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A |  | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 |  | 7A |  |  | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 |  | 7A |  |  | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A |  |  | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 |  | 7A |  |  | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P |  |  | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 |  | 8A |  |  | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A |  | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 |  | 9A |  |  | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A |  | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 |  |  |  | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A |  | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P |  |  | EARL M. KERCHNER |
| CLINTON 2 N | 1754 | 01 | HUNTERDON | 10 | 40 40 | 74 55 | 350 |  |  |  | C | NJ BUREAU OF WTR SUPPLY |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P |  |  | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A |  | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A |  | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 |  | 7A |  |  | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A |  | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A |  | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 |  | 7A |  |  | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A |  |  | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A |  |  | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P |  | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P |  | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID |  |  | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P |  | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A |  |  | INACTIVE 9/1/70 |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A |  | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P |  | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A |  | H | MRS. ALICE A. HOLZ |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 |  | 7A |  |  | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 |  |  |  | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 |  | 9A |  | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 |  | MID |  |  | RIDGEWOOD WATER CO. |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID |  | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 |  | 7A |  |  | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | 8A | 8A |  | H | US DEPT OF AGRICULTURE |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A |  | H | JOSEPH H. GARRIS, III |
| MOUNT HOLLY | 5866 | 02 | BURLINGTON | 2 | 39 59 | 74 48 | 10 |  |  |  | C | J. WESLEY GOODFELLOW |
| NEWARK WSO R | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID |  | C HJ | NATL WEATHER SERVICE |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 |  | MID |  | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A |  | C H | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 |  | 8A |  |  | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A |  | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A |  | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P |  | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 |  | 8A |  |  | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 |  | MID |  |  | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 |  | MID |  | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 |  | 10A |  |  | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P |  |  | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P |  |  | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A |  | H | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 |  | 10A |  |  | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 |  |  |  | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A |  |  | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A |  |  | TOMS RIVER WATER CO. |
| #TRENTON WSO R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID |  | C HJ | NATL WEATHER SERVICE |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P |  |  | LAWRENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 |  | 8A |  | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 |  |  |  | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 |  | 7A |  |  | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 |  | 7A |  |  | N.J. POWER & LIGHT CO. |
| WINDSOR | 9761 | 02 | MERCER | 2 | 40 15 | 74 35 | 88 |  |  |  | C | JACOBUS J. MOOIMAN |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 |  | MID |  | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P |  |  | CREAM VALLEY DAIRY |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN 11-ROCKAWAY

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 1:00 p.m., e.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| - | No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index. |
| | No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry. |
| + | And also on an earlier date or dates. |
| ++ | Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data. |
| * | Amount included in following measurement, time distribution unknown. |
| // | Gage is equipped with a windshield. |
| B | Adjusted to a full month. |
| D | Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall. |
| M | One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month. |
| R | Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.) |
| T | Trace, an amount too small to measure. |
| V | Includes total for previous month. |

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| AR | This entry in time of observation column in Station Index means after rain. |
| C | Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin. |
| G | "Soil Temperature" table. |
| H | "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month. |
| J | "Supplemental Data" table. |
| S | Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin. |
| SS | This entry in time of observation column in Station Index means observation made near sunset. |
| VAR | This entry in time of observation column in Station Index means variable. |
| # | Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building. |

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-NOAA-ASHEVILLE- 4/30/71-920

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# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
APRIL 1971
Volume 76 No. 4

THE LIBRARY OF THE
JUN 22 1971
UNIVERSITY OF ILLINOIS
URBANA-CHAMPAIGN

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 60.1 | 33.0 | 46.6 | - 4.5 | 79 | 20 | 22 | 10 | 548 | 0 | 0 | 14 | 0 | 1.85 | - 2.29 | 1.30 | 7 | 1.5 | 1 | 7 | 3 | 1 | 1 |
| BOONTON 1 SE | 58.9 | 38.0 | 48.5 | - .5 | 73 | 14 | 30 | 17+ | 487 | 0 | 0 | 5 | 0 | 2.54 | - 1.32 | 2.04 | 7 | T | 0 | | 3 | 1 | 1 |
| CANOE BROOK | 59.8 | 32.8 | 46.3 | - 2.4 | 76 | 22 | 22 | 7 | 560 | 0 | 0 | 14 | 0 | 2.97 | - 1.05 | 2.66 | 7 | 2.5 | 3 | 7 | 3 | 1 | 1 |
| CHARLOTTEBURG | 54.4 | 33.3 | 43.9 | - 4.1 | 71 | 14 | 23 | 9 | 628 | 0 | 0 | 13 | 0 | 2.81 | - 1.40 | 2.13 | 7 | 4.5 | 5 | 7 | 4 | 1 | 1 |
| CRANFORD | 63.1 | 36.7 | 49.9 | | 78 | 13 | 25 | 9 | 446 | 0 | 0 | 9 | 0 | 2.83 | | 2.26 | 7 | 2.0 | T | 7 | 3 | 1 | 1 |
| ESSEX FELLS SERV BLDG | 60.1 | 34.2 | 47.2 | | 76 | 14 | 24 | 9 | 529 | 0 | 0 | 13 | 0 | 1.65 | | 1.30 | 7 | 2.0 | 0 | | 3 | 1 | 1 |
| FLEMINGTON 1 NE | 60.4 | 32.7 | 46.6 | - 4.6 | 76 | 13 | 22 | 1 | 547 | 0 | 0 | 15 | 0 | 2.75 | - 1.05 | 2.00 | 7 | .0 | 0 | | 4 | 1 | 1 |
| HIGH POINT PARK | 54.7 | 34.0 | 44.4 | | 74 | 22 | 24 | 15+ | 610 | 0 | 0 | 13 | 0 | 1.64 | | .70 | 7 | 3.5 | 3 | 25 | 4 | 2 | 0 |
| JERSEY CITY | 57.8 | 41.1 | 49.5 | - 1.0 | 75 | 21 | 33 | 8 | 462 | 0 | 0 | 0 | 0 | 1.95 | - 1.64 | .80 | 2 | .0 | 0 | | 4 | 2 | 0 |
| LAMBERTVILLE | 63.8 | 34.8 | 49.3 | - 1.8 | 77 | 13 | 23 | 6 | 462 | 0 | 0 | 8 | 0 | 2.54 | - 1.10 | 1.82 | 7 | 3.0 | 0 | | 5 | 1 | 1 |
| LITTLE FALLS | 59.0 | 37.6 | 48.3 | - 2.4 | 76 | 14 | 29 | 1 | 493 | 0 | 0 | 7 | 0 | 2.29 | - 1.97 | 1.89 | 7 | .5 | 1 | 7 | 3 | 1 | 1 |
| LONG VALLEY | 57.9 | 31.9 | 44.9 | | 73 | 22 | 22 | 12+ | 595 | 0 | 0 | 16 | 0 | 3.44 | - .53 | 2.80 | 7 | 4.0 | | | 3 | 1 | 1 |
| MORRIS PLAINS 1 W | 59.1 | 33.8 | 46.5 | | 76 | 14 | 23 | 9 | 550 | 0 | 0 | 13 | 0 | 2.80 | | 2.40 | 7 | 2.0 | 2 | 7 | 3 | 1 | 1 |
| NEWARK WSO R | 61.4 | 41.3 | 51.4 | .1 | 77 | 21 | 34 | 8 | 402 | 0 | 0 | 0 | 0 | 1.35 | - 2.16 | .54 | 6 | 2.2 | T | 7 | 4 | 1 | 0 |
| NEWTON | 57.8 | 33.4 | 45.6 | - 2.7 | 77 | 14 | 23 | 9 | 575 | 0 | 0 | 16 | 0 | 2.65 | - 1.18 | 1.84 | 7 | 4.0 | 4 | 7 | 3 | 2 | 1 |
| PATERSON | 60.7 | 39.3 | 50.0 | - 1.1 | 77 | 22 | 31 | 8+ | 444 | 0 | 0 | 4 | 0 | 2.59 | - 1.48 | 1.81 | 7 | 1.8 | 0 | | 5 | 1 | 1 |
| PHILLIPSBURG | 61.5 | 33.7 | 47.6 | - 3.1 | 78 | 14 | 24 | 25 | 514 | 0 | 0 | 14 | 0 | 3.73 | - .34 | 2.92 | 7 | .0 | 0 | | 3 | 1 | 1 |
| PLAINFIELD | 61.4 | 37.0 | 49.2 | - 1.7 | 79 | 13 | 27 | 9 | 464 | 0 | 0 | 8 | 0 | 2.62 | - 1.25 | 1.54 | 7 | 2.5 | | | 4 | 2 | 1 |
| SOMERVILLE 3 NW | 60.0 | 34.1 | 47.1 | - 3.5 | 76 | 14 | 24 | 9 | 531 | 0 | 0 | 12 | 0 | 3.04 | - .61 | 2.68 | 7 | 3.0 | 3 | 7 | 3 | 1 | 1 |
| SUSSEX 1 SE | 56.6 | 31.6 | 44.1 | - 5.0 | 75 | 14 | 23 | 9 | 623 | 0 | 0 | 19 | 0 | 2.89 | - 1.06 | 1.11 | 7 | .0 | 0 | | 5 | 2 | 1 |
| DIVISION | | | 47.3 | - 2.7 | | | | | | | | | | 2.55 | - 1.36 | | | 2.0 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 59.0 | 36.2 | 47.6 | - 3.4 | 75 | 21 | 25 | 1 | 514 | 0 | 0 | 8 | 0 | 1.29 | - 2.12 | .44 | 28 | T | 0 | | 4 | 0 | 0 |
| AUDUBON | 63.8 | 40.3 | 52.1 | | 77 | 21+ | 33 | 7+ | 382 | 0 | 0 | 0 | 0 | 2.28 | | 1.12 | 7 | 2.0 | 1 | 6 | 5 | 2 | 1 |
| BELLEPLAIN ST FOREST | 65.9 | 35.9 | 50.9 | | 79 | 21 | 21 | 12 | 415 | 0 | 0 | 9 | 0 | 1.24 | - 2.23 | 1.02 | 7 | .0 | 0 | | 2 | 1 | 1 |
| BURLINGTON | 62.3M | 39.6M | 51.0M | - 2.3 | 77 | 19 | 30 | 7 | 409 | 0 | 0 | 2 | 0 | 2.63 | - .81 | 1.55 | 7 | .0 | 0 | | 5 | 1 | 1 |
| CHATSWORTH | 65.0M | 32.9M | 49.0M | | 78 | 21 | 21 | 15 | 479 | 0 | 0 | 12 | 0 | 3.38 | | 1.76 | 7 | .0 | 0 | | 6 | 2 | 1 |
| FREEHOLD | | | | | | | | | | | | | | | | | | | | | | | |
| GLASSBORO | 60.8 | 38.9 | 49.9 | | 76 | 22+ | 31 | 1 | 447 | 0 | 0 | 2 | 0 | 2.47 | | 1.70 | 7 | | 2 | 7 | 3 | 1 | 1 |
| HAMMONTON 2 NNE | 62.6 | 36.7 | 49.7 | - 2.6 | 79 | 22 | 28 | 9+ | 455 | 0 | 0 | 7 | 0 | 2.69 | - .91 | 1.98 | 7 | .0 | 0 | | 3 | 1 | 1 |
| HIGHTSTOWN 1 N | 62.2 | 36.0 | 49.1 | - 1.8 | 77 | 13 | 28 | 9+ | 470 | 0 | 0 | 9 | 0 | 3.21 | - .17 | 2.04 | 7 | 4.0 | T | 7 | 4 | 1 | 1 |
| INDIAN MILLS 2 W | 62.5 | 35.1 | 48.8 | - 2.6 | 77 | 21+ | 22 | 1 | 480 | 0 | 0 | 10 | 0 | 3.30 | - .12 | 2.06 | 7 | 2.0 | 0 | | 5 | 2 | 1 |
| MILLVILLE FAA AIRPORT | 61.6 | 37.6 | 49.6 | | 76 | 21 | 26 | 1 | 454 | 0 | 0 | 8 | 0 | 3.46 | | 1.79 | 6 | T | T | 7 | 4 | 2 | 1 |
| MOORESTOWN | 61.2 | 37.7 | 49.5 | - 1.9 | 76 | 22 | 23 | 15 | 460 | 0 | 0 | 7 | 0 | 2.67 | - .77 | 2.20 | 7 | | 3 | 7 | 3 | 1 | 1 |
| NEW BRUNSWICK | 59.6 | 37.5 | 48.6 | - 2.5 | 76 | 14 | 27 | 9 | 485 | 0 | 0 | 6 | 0 | 2.63 | - .85 | 2.05 | 7 | 5.0 | 1 | 7 | 3 | 1 | 1 |
| PEMBERTON 3 E | 64.2 | 35.2 | 49.7 | - 2.6 | 78 | 13 | 24 | 1 | 453 | 0 | 0 | 11 | 0 | 2.91 | - .54 | 1.89 | 7 | 2.0 | 0 | | 4 | 2 | 1 |
| SEABROOK FARMS | 61.4 | 37.8 | 49.6 | | 75 | 22 | 28 | 1 | 456 | 0 | 0 | 6 | 0 | 2.41 | | 1.62 | 7 | | 0 | | 3 | 1 | 1 |
| SHILOH | 63.6 | 37.0 | 50.3 | - 2.4 | 76 | 21 | 28 | 1 | 434 | 0 | 0 | 6 | 0 | 2.16 | - .95 | 1.17 | 7 | .0 | 0 | | 5 | 1 | 1 |
| TOMS RIVER | 60.4 | 35.6 | 48.0 | | 77 | 22 | 24 | 9 | 503 | 0 | 0 | 10 | 0 | 2.62 | | 2.00 | 7 | T | 0 | | 3 | 1 | 1 |
| TRENTON WSO R | 60.1 | 40.6 | 50.4 | - 1.3 | 75 | 13 | 33 | 6 | 434 | 0 | 0 | 0 | 0 | 2.59 | - .62 | 1.31 | 6 | 4.4 | 2 | 7 | 4 | 2 | 1 |
| TUCKERTON | 60.8 | 36.3 | 48.6 | | 75 | 21 | 23 | 1 | 487 | 0 | 0 | 9 | 0 | 3.02 | | 1.22 | 6 | T | 0 | | 5 | 2 | 1 |
| WOODSTOWN | 64.4 | 37.9 | 51.2 | | 76 | 21 | 28 | 7 | 410 | 0 | 0 | 5 | 0 | 2.97 | | 1.85 | 7 | | | | 5 | 1 | 1 |
| DIVISION | | | 49.7 | - 1.7 | | | | | | | | | | 2.63 | - .82 | | | 1.3 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 56.2 | 41.2 | 48.7 | - 1.2 | 68 | 24 | 34 | 15+ | 480 | 0 | 0 | 0 | 0 | 1.35 | - 2.03 | .85 | 6 | | | | 4 | 1 | 0 |
| CAPE MAY 1 NW | 57.3 | 40.8 | 49.1 | | 70 | 22 | 28 | 1 | 472 | 0 | 0 | 2 | 0 | 2.88 | | 1.82 | 7 | .0 | 0 | | 3 | 2 | 1 |
| LONG BRANCH 2 S | 58.7 | 37.4 | 48.1 | - 1.5 | 76 | 21 | 28 | 9+ | 501 | 0 | 0 | 6 | 0 | 2.80 | - .83 | 1.44 | 7 | .3 | 0 | | 5 | 2 | 1 |
| SANDY HOOK | 57.1M | 39.8M | 48.5M | | | | | | 496 | 0 | 0 | | 0 | 2.83 | | | | .0 | 0 | | | | |
| DIVISION | | | 48.6 | - 1.4 | | | | | | | | | | 2.47 | - .85 | | | .1 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>4 STATIONS | 79 | DATE | 22+ |
| LOWEST TEMPERATURE<br>2 STATIONS | 21 | DATE | 15+ |
| GREATEST TOTAL PRECIPITATION<br>POTTERSVILLE 2 NNW | 4.31 | | |
| LEAST TOTAL PRECIPITATION<br>BELLEPLAIN ST FOREST | 1.24 | | |
| GREATEST 1 DAY PRECIPITATION<br>POTTERSVILLE 2 NNW | 3.79 | DATE | 07 |
| GREATEST TOTAL SNOWFALL<br>2 STATIONS | 9.0 | | |
| GREATEST DEPTH OF SNOW<br>OAK RIDGE RESERVOIR | 9 | DATE | 07 |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

NEW JERSEY
APRIL 1971

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 1.85 | | | .33 | | | | 1.30 | T | | | | | | T | | | | | | | T | T | | | T | | | | .22 | | . |
| BERNARDSVILLE 2 E | 2.91 | | | .09 | | | | 2.61 | | | | | | | | | | | | | | | | | | .05 | | .02 | | .13 | .01 | . |
| BLACKWELLS MILLS | 2.61 | | | .18 | | | | 2.12 | | | | | | | | | | | | | | | | | | .03 | | .02 | | .26 | | . |
| BOONTON 1 SE | 2.54 | | | .15 | | | | 2.04 | T | | | | | | T | | | | | | | T | | | | .06 | | .02 | T | .25 | .02 | . |
| BOUND BROOK 2 W | 3.46 | | | | | | | 3.30 | | | | | | | | | | | | | | | | | | T | | T | | .16 | | . |
| BRANCHVILLE | 2.25 | | | .41 | | | | 1.38 | | | | | | | | | | | | | | T | | | | .09 | | .07 | | .30 | | . |
| CANISTEAR RESERVOIR | 3.34 | | | .34 | | | | 2.52 | .02 | | | | | | | | | | | | | T | T | | | .16 | | .09 | | .21 | T | . |
| CANOE BROOK | 2.97 | | | .16 | | | | 2.66 | T | | | | | | | | | | | | | | T | | | T | | T | | .15 | T | . |
| CHARLOTTEBURG | 2.81 | | | .17 | | | | 2.13 | T | | | | | | | | | | | | | T | T | | | .20 | | .07 | | .24 | T | . |
| CRANFORD | 2.83 | | .02 | .18 | | | .21 | 2.26 | | | | | | | | | T | | | | | T | | | T | .01 | T | .02 | .07 | .06 | T | . |
| ESSEX FELLS SERV BLDG | 1.65 | | | .17 | | | | 1.30 | T | | | | | | | | | | | | | | | | | T | | .02 | | .16 | | . |
| FLEMINGTON 1 NE | 2.75 | | | .19 | | | | 2.00 | .20 | | | | | | | | | | | | | | | | | | | .05 | | .30 | .01 | . |
| GREENWOOD LAKE | 3.78 | | | .22 | | | | 2.34 | .36 | | | | | | | | | .05 | | | | | | | | .22 | | .17 | | .35 | .07 | . |
| HIGH POINT PARK | 1.64 | | | .50 | | | | .70 | | | | | | | | | | | | | | | | | | .19 | | | | .25 | | . |
| JERSEY CITY | 1.95 | | .80 | | | | .70 | .20 | | | | | | | | | T | | | | | | | | T | | .08 | | .17 | | | . |
| LAMBERTVILLE | 2.54 | | .02 | .13 | | | .17 | 1.82 | | | T | | | | | | | | | | | T | | | T | | .02 | | .10 | .28 | | . |
| LITTLE FALLS | 2.29 | | | .15 | | | | 1.89 | | | | | | | | | | | | | | T | | | | .03 | | .05 | | .17 | T | . |
| LONG VALLEY | 3.44 | | | .35 | | | | 2.80 | | | | T | | | | | | | | | | | | | | .02 | | .02 | | .25 | | . |
| MAHWAH | 3.50 | | | .27 | | | | 2.54 | .01 | | .01 | | | | | | | .05 | | | | | | | | .20 | | .14 | | .27 | .01 | . |
| MIDLAND PARK | 2.48 | | .04 | | | | 1.08 | .57 | | | | | | | | | | | | | | | | | .40 | | .08 | | .28 | .03 | | . |
| MILTON | 2.33 | | | .42 | | | | 1.55 | | | | | | | | | | | | | | | | | | .08 | | .07 | | .21 | | . |
| MORRIS PLAINS 1 W | 2.80 | | | .15 | | | | 2.40 | | | | | | | | | | | | | | T | T | | | .08 | | .02 | | .15 | T | . |
| NEWARK WSO R | 1.35 | | .10 | .03 | | | .54 | .46 | | | T | | | | | | T | | | | | T | | | .04 | | T | | .15 | .03 | T | . |
| NEW MILFORD | 1.80 | | .10 | .08 | | | .80 | .46 | | | | | | | | | | | | | | | | | .04 | .02 | .10 | | .11 | .09 | | . |
| NEWTON | 2.65 | | | .50 | | | | 1.84 | | | | | | | | | | | | | | .01 | .02 | | | .08 | | .02 | | .17 | .01 | . |
| OAK RIDGE RESERVOIR | 3.44 | | | .43 | | | | 2.63 | .03 | | | | | | | | | | | | | T | | | | .08 | | .09 | | .18 | T | . |
| PATERSON | 2.59 | | | .20 | | | | 1.81 | | | | | | | | | | | | | | T | T | | | .15 | | .10 | | .31 | .02 | . |
| PHILLIPSBURG | 3.73 | | | .28 | | | | 2.92 | | | | | | | | | | | | | | | | | | | | .08 | | .45 | | . |
| PLAINFIELD | 2.62 | T | T | .20 | | | .65 | 1.54 | | | T | | | | | | | | | | | T | | | .02 | | T | | .12 | .09 | T | . |
| POTTERSVILLE 2 NNW | 4.31 | | | .25 | | | | 3.79 | T | | | T | | | | | | | | | | | | | | .05 | | .03 | | .16 | .03 | . |
| RAHWAY | 2.34 | | .10 | .05 | | | 1.11 | .79 | | | | | | | | | | | | | | | | | | | .04 | | .16 | .09 | | . |
| RINGWOOD | 3.73 | | | .25 | | | | 2.95 | T | | | | | | | | | T | | | | T | | | | .23 | | .08 | .04 | .18 | T | . |
| SOMERVILLE 3 NW | 3.04 | | | .14 | | | | 2.68 | | | | | | | | | | | | | | | | | | .03 | | .02 | T | .15 | .02 | . |
| SPLIT ROCK POND | 2.30 | | | .23 | | | | 1.70 | | | | | | | | | | | | | | | | | | .03 | | .02 | .02 | .30 | | . |
| SUSSEX 1 SE | 2.89 | | | .99 | | | | 1.11 | | | | | | | | | | | | | | T | T | | | .22 | | .10 | T | .46 | .01 | . |
| WANAQUE RAYMOND DAM | 2.47 | | | .22 | | | | 1.85 | T | | | | | | | | | | | | | | T | | | .15 | | .05 | | .20 | | . |
| WERTSVILLE | 2.06 | | | .12 | | | | 1.60 | | | | | | | | | | | | | | | | | | T | | | | .34 | | . |
| WEST WHARTON | 2.67 | | | .38 | | | | 1.95 | T | | | | | | | | | | | | | T | .01 | | | .05 | | .05 | | .23 | T | . |
| WOODCLIFF LAKE | 2.15 | | .13 | .09 | | | .77 | .56 | | | | | | | | | | | | | | | | | .10 | .05 | .13 | .02 | .27 | .03 | | . |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 1.29 | | .19 | .04 | | T | .37 | .20 | | | | | | | T | | | | | | | T | | | T | T | .02 | | .44 | .03 | | . |
| AUDUBON | 2.28 | | .15 | | | | .65 | 1.12 | | | | | | | T | | | | | | | | | | T | | T | | .17 | .19 | | . |
| BASS RIVER ST FOREST | 3.00 | | | | | | | 2.49 | | | | | | | | | | | | | | | | | | | .07 | .01 | | .43 | | . |
| BELLEPLAIN ST FOREST | 1.24 | | T | | | | | 1.02 | | | | | | | | | | T | T | | | | | | | | | | .04 | .18 | | . |
| BURLINGTON | 2.63 | | .01 | | | .14 | .40 | 1.55 | | | | | | | | | | | | | | | | | .01 | .02 | .02 | .06 | .11 | .31 | | . |
| CANTON | 1.91 | | | .24 | | | .04 | 1.35 | | | | | | | | | | | | | | | | | | | | | | .28 | | . |
| CHATSWORTH | 3.38 | | | .33 | | | .80 | 1.76 | | | | | | | | | | | | | | | | | | | .15 | | .13 | .21 | | . |
| FORTESCUE | 2.34 | | | .32 | | | | 1.70 | | | | | | | | | | | | | | | | | | | | | | .32 | | . |
| FREEHOLD | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| GLASSBORO | 2.47 | | .22 | .05 | | | | 1.70 | | | | | | | | | | | | | | | | | | | .03 | | | .47 | | . |
| HAMMONTON 2 NNE | 2.69 | | | .38 | | | T | 1.98 | .02 | | | | | | | | | | | | | | | | | | .04 | .01 | | .26 | | . |
| HIGHTSTOWN 1 N | 3.21 | | .01 | .21 | | T | .41 | 2.04 | T | | | | | | | | | | | | | T | | | .02 | | .01 | | .08 | .40 | .03 | . |
| INDIAN MILLS 2 W | 3.30 | | T | .27 | | | .55 | 2.06 | | | | | | | | | | | | | | | | | T | | .08 | | .14 | .20 | | . |
| MAYS LANDING 1 W | 3.33 | | | .22 | | | T | 2.56 | T | | | | | | | | | | | | | | T | | | | T | T | | .55 | | . |
| MILLVILLE FAA AIRPORT | 3.46 | | .38 | .04 | | | 1.79 | .28 | | | | | | | | | | | | | | T | | | T | | T | | .97 | T | | . |
| MOORESTOWN | 2.67 | | | .21 | | | | 2.20 | | | | | | | | | | | | | | | | | | | .01 | | | .25 | | . |
| NEW BRUNSWICK | 2.63 | | T | .21 | | | | 2.05 | T | | | | | | | | | | | | | | T | | | .04 | | .05 | | .25 | .03 | . |
| PEMBERTON 3 E | 2.91 | | T | .25 | | | .51 | 1.89 | | | | | | | | | | | | | | | | | | | .03 | | .09 | .14 | | . |
| PRINCETON WATER WORKS | 3.31 | | .16 | T | | | 1.81 | .94 | | | | | | | T | | | | | | | | | | T | | | | .09 | .31 | T | . |
| SEABROOK FARMS | 2.41 | | | .32 | T | | T | 1.62 | .02 | | | | | | | | | | | | | | | | | | | T | | .45 | | . |
| SHILOH | 2.16 | | | .29 | | | .23 | 1.17 | | | | | | | | | | | | | | | | | | | | | .10 | .37 | | . |
| TOMS RIVER | 2.62 | | | .16 | | | T | 2.00 | | | | | | | | | | | | | | | | | | | | | | .45 | .01 | . |
| TRENTON WSO R | 2.59 | | .12 | .01 | | T | 1.31 | .66 | | | | | | | T | | | | | | | T | | | T | | T | | .44 | .05 | T | . |
| TUCKERTON | 3.02 | | T | .25 | | | 1.22 | .95 | | | | | | | T | | | | | | | | T | | T | | .07 | T | .21 | .32 | T | . |
| WOODSTOWN | 2.97 | | .02 | .30 | | | .43 | 1.85 | | | | | | | | | | | | | | | T | | T | | T | | .11 | .26 | | . |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 1.35 | | .16 | .03 | | | .85 | .03 | | | | | | | | | | | | | | | | | .01 | | .01 | | .14 | .12 | | . |
| CAPE MAY 1 NW | 2.88 | | | .37 | | | .08 | 1.82 | | | | | | | | | | | | | | | | | | | | | | .61 | | . |
| LONG BRANCH 2 S | 2.80 | | T | .12 | | T | .52 | 1.44 | | | | | | | | | | | | | | T | | | .01 | .01 | .01 | T | .28 | .39 | .02 | . |
| SANDY HOOK | 2.83 | | | | | | * | 2.25 | | | | | | | | | | | | | | | | | .06 | | | | | .52 | | . |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Standard of Time EASTERN | | | | | | | | | | | | |
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WSO | 29 | 5.6 | 12.2 | 40++ | 3 | 06 | 67 | 64 | 37 | 51 | 5 | 3 | 4 | 0 | 0 | 0 | 12 | 66 | 5.1 |
| ATLANTIC CITY ST. MARINA | - | - | - | 44 | NNE | 06 | - | - | - | - | 0 | 4 | 3 | 1 | 0 | 0 | 8 | - | - |
| NEWARK WSO | 30 | 6.2 | 12.3 | 30++ | 36 | 07+ | 62 | 61 | 41 | 50 | 5 | 3 | 3 | 1 | 0 | 0 | 12 | - | 5.8 |
| TRENTON WSO | - | - | - | 38 | NW | 24+ | - | - | - | - | 6 | 2 | 2 | 1 | 1 | 0 | 12 | 66 | 5.2 |

# DAILY TEMPERATURES

NEW JERSEY
APRIL 1971

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 51 | 59 | 63 | 55 | 57 | 50 | 44 | 55 | 53 | 62 | 49 | 65 | 73 | 75 | 54 | 54 | 58 | 64 | 66 | 79 | 72 | 76 | 58 | 65 | 64 | 53 | 52 | 65 | 52 | 59 | | 60.1 |
| | MIN | 26 | 33 | 33 | 27 | 31 | 32 | 33 | 33 | 24 | 22 | 31 | 26 | 33 | 44 | 30 | 30 | 27 | 29 | 39 | 39 | 40 | 42 | 33 | 29 | 29 | 35 | 37 | 37 | 42 | 44 | | 33.0 |
| BOONTON 1 SE | MAX | 48 | 54 | 64 | 55 | 57 | 50 | 43 | 52 | 49 | 72 | 64 | 64 | 68 | 73 | 50 | 52 | 52 | 61 | 65 | 71 | 71 | 72 | 57 | 61 | 66 | 52 | 53 | 63 | 52 | 56 | | 58.9 |
| | MIN | 30 | 39 | 35 | 32 | 35 | 35 | 33 | 32 | 33 | 39 | 35 | 33 | 37 | 44 | 32 | 33 | 30 | 38 | 39 | 54 | 54 | 43 | 43 | 37 | 35 | 43 | 40 | 39 | 43 | 45 | | 38.0 |
| CANOE BROOK | MAX | 50 | 52 | 66 | 58 | 60 | 48 | 44 | 52 | 57 | 71 | 52 | 66 | 66 | 72 | 55 | 54 | 55 | 60 | 66 | 72 | 72 | 76 | 60 | 64 | 67 | 54 | 50 | 65 | 53 | 58 | | 59.8 |
| | MIN | 24 | 32 | 36 | 25 | 30 | 24 | 22 | 30 | 23 | 31 | 34 | 28 | 36 | 44 | 29 | 30 | 25 | 25 | 36 | 34 | 44 | 40 | 42 | 40 | 33 | 34 | 38 | 35 | 41 | 38 | | 32.8 |
| CHARLOTTEBURG | MAX | 44 | 51 | 63 | 50 | 52 | 46 | 39 | 46 | 44 | 66 | 43 | 60 | 67 | 71 | 45 | 46 | 46 | 56 | 61 | 68 | 67 | 70 | 55 | 59 | 68 | 45 | 48 | 59 | 47 | 50 | | 54.4 |
| | MIN | 26 | 31 | 34 | 30 | 27 | 30 | 32 | 26 | 23 | 31 | 33 | 26 | 33 | 40 | 28 | 31 | 33 | 29 | 41 | 38 | 41 | 40 | 39 | 34 | 34 | 36 | 36 | 34 | 41 | 42 | | 33.3 |
| CRANFORD | MAX | 53 | 70 | 61 | 59 | 56 | 48 | 52 | 50 | 73 | 73 | 66 | 66 | 78 | 77 | 53 | 56 | 61 | 67 | 72 | 72 | 76 | 74 | 64 | 66 | 54 | 54 | 64 | 63 | 56 | 58 | | 63.1 |
| | MIN | 27 | 43 | 38 | 30 | 35 | 37 | 32 | 31 | 25 | 44 | 36 | 30 | 39 | 43 | 31 | 33 | 30 | 32 | 42 | 42 | 48 | 41 | 42 | 34 | 35 | 35 | 41 | 39 | 44 | 41 | | 36.7 |
| ESSEX FELLS SERV BLDG | MAX | 47 | 64 | 70 | 58 | 58 | 47 | 44 | 52 | 58 | 72 | 62 | 66 | 66 | 76 | 52 | 51 | 52 | 62 | 65 | 70 | 70 | 74 | 57 | 64 | 64 | 58 | 55 | 62 | 52 | 55 | | 60.1 |
| | MIN | 25 | 40 | 35 | 34 | 31 | 34 | 29 | 29 | 24 | 44 | 38 | 30 | 27 | 42 | 28 | 31 | 26 | 32 | 34 | 37 | 47 | 39 | 39 | 31 | 32 | 36 | 35 | 38 | 39 | 40 | | 34.2 |
| FLEMINGTON 1 NE | MAX | 49 | 53 | 69 | 56 | 56 | 57 | 49 | 53 | 54 | 73 | 50 | 65 | 76 | 72 | 51 | 54 | 58 | 62 | 67 | 72 | 70 | 75 | 60 | 63 | 67 | 54 | 53 | 65 | 52 | 57 | | 60.4 |
| | MIN | 22 | 25 | 33 | 25 | 28 | 28 | 33 | 32 | 23 | 33 | 34 | 29 | 33 | 43 | 32 | 28 | 27 | 30 | 42 | 44 | 42 | 40 | 38 | 29 | 26 | 35 | 37 | 29 | 40 | 40 | | 32.7 |
| HIGH POINT PARK | MAX | 42 | 52 | 59 | 59 | 50 | 40 | 38 | 46 | 43 | 67 | 49 | 58 | 69 | 72 | 43 | 45 | 45 | 55 | 60 | 67 | 66 | 74 | 56 | 64 | 65 | 45 | 47 | 61 | 52 | 52 | | 54.7 |
| | MIN | 25 | 31 | 30 | 28 | 27 | 27 | 25 | 24 | 24 | 34 | 29 | 36 | 44 | 34 | 24 | 28 | 36 | 36 | 48 | 46 | 46 | 39 | 36 | 44 | 32 | 33 | 37 | 38 | 40 | 39 | | 34.0 |
| JERSEY CITY | MAX | 45 | 61 | 55 | 60 | 52 | 41 | 53 | 49 | 61 | 56 | 64 | 58 | 63 | 59 | 53 | 53 | 57 | 65 | 70 | 71 | 75 | 58 | 64 | 62 | 53 | 54 | 62 | 51 | 54 | 55 | | 57.8 |
| | MIN | 36 | 44 | 42 | 41 | 36 | 35 | 34 | 33 | 36 | 38 | 38 | 40 | 47 | 39 | 35 | 41 | 37 | 37 | 52 | 51 | 55 | 47 | 44 | 40 | 37 | 45 | 41 | 43 | 43 | 45 | | 41.1 |
| LAMBERTVILLE | MAX | 62 | 69 | 58 | 59 | 54 | 48 | 55 | 54 | 74 | 69 | 66 | 74 | 77 | 73 | 55 | 59 | 62 | 68 | 75 | 72 | 76 | 69 | 65 | 68 | 55 | 53 | 64 | 63 | 59 | 60 | | 63.8 |
| | MIN | 28 | 42 | 35 | 29 | 33 | 23 | 33 | 28 | 26 | 42 | 36 | 28 | 36 | 38 | 33 | 30 | 35 | 33 | 40 | 38 | 43 | 36 | 38 | 32 | 36 | 39 | 34 | 38 | 45 | 38 | | 34.8 |
| LITTLE FALLS | MAX | 49 | 50 | 70 | 57 | 58 | 47 | 44 | 53 | 50 | 63 | 50 | 65 | 66 | 76 | 52 | 52 | 52 | 59 | 66 | 72 | 70 | 74 | 58 | 64 | 66 | 63 | 53 | 63 | 52 | 57 | | 59.0 |
| | MIN | 29 | 40 | 39 | 32 | 33 | 35 | 33 | 31 | 30 | 42 | 36 | 31 | 40 | 43 | 32 | 37 | 32 | 33 | 45 | 42 | 49 | 43 | 43 | 35 | 36 | 40 | 39 | 40 | 43 | 44 | | 37.6 |
| LONG VALLEY | MAX | 47 | 57 | 65 | 53 | 54 | 49 | 42 | 50 | 55 | 70 | 52 | 64 | 72 | 69 | 51 | 51 | 54 | 60 | 64 | 71 | 69 | 73 | 57 | 62 | 65 | 50 | 49 | 62 | 49 | 52 | | 57.9 |
| | MIN | 23 | 37 | 28 | 24 | 32 | 25 | 23 | 25 | 22 | 39 | 32 | 22 | 31 | 41 | 29 | 34 | 24 | 39 | 37 | 43 | 43 | 39 | 34 | 26 | 26 | 30 | 35 | 35 | 39 | 41 | | 31.9 |
| MORRIS PLAINS 1 W | MAX | 49 | 55 | 68 | 56 | 58 | 48 | 43 | 51 | 50 | 72 | 49 | 65 | 68 | 76 | 52 | 52 | 54 | 61 | 65 | 72 | 72 | 75 | 59 | 64 | 66 | 51 | 53 | 63 | 52 | 55 | | 59.1 |
| | MIN | 25 | 34 | 34 | 27 | 31 | 32 | 32 | 29 | 23 | 36 | 35 | 26 | 36 | 42 | 30 | 28 | 26 | 27 | 39 | 36 | 47 | 42 | 40 | 29 | 33 | 33 | 39 | 38 | 42 | 42 | | 33.8 |
| NEWARK WSO | MAX | 53 | 73 | 59 | 60 | 49 | 44 | 55 | 51 | 75 | 63 | 68 | 64 | 72 | 59 | 55 | 56 | 61 | 69 | 73 | 73 | 77 | 62 | 66 | 65 | 55 | 54 | 64 | 54 | 57 | 57 | | 61.4 |
| | MIN | 37 | 45 | 42 | 40 | 38 | 35 | 35 | 34 | 35 | 40 | 39 | 40 | 48 | 39 | 35 | 40 | 36 | 41 | 51 | 50 | 48 | 46 | 44 | 41 | 38 | 45 | 43 | 46 | 45 | 44 | | 41.3 |
| NEWTON | MAX | 46 | 59 | 64 | 54 | 55 | 46 | 42 | 49 | 48 | 71 | 47 | 62 | 74 | 77 | 49 | 50 | 52 | 60 | 64 | 71 | 70 | 73 | 55 | 63 | 67 | 50 | 49 | 62 | 50 | 54 | | 57.8 |
| | MIN | 31 | 33 | 31 | 27 | 30 | 31 | 26 | 27 | 23 | 32 | 32 | 28 | 40 | 36 | 31 | 34 | 27 | 26 | 39 | 37 | 45 | 41 | 38 | 31 | 34 | 32 | 38 | 34 | 43 | 44 | | 33.4 |
| PATERSON | MAX | 50 | 52 | 70 | 60 | 61 | 58 | 45 | 51 | 50 | 72 | 54 | 67 | 65 | 68 | 55 | 55 | 52 | 63 | 68 | 75 | 73 | 77 | 59 | 67 | 70 | 55 | 56 | 65 | 53 | 55 | | 60.7 |
| | MIN | 31 | 40 | 40 | 38 | 34 | 35 | 33 | 31 | 32 | 42 | 37 | 35 | 42 | 46 | 32 | 38 | 36 | 39 | 44 | 50 | 49 | 43 | 39 | 45 | 36 | 40 | 41 | 45 | 43 | 44 | | 39.3 |
| PHILLIPSBURG | MAX | 51 | 61 | 65 | 57 | 58 | 54 | 45 | 55 | 55 | 72 | 49 | 68 | 75 | 78 | 56 | 56 | 59 | 64 | 68 | 74 | 72 | 76 | 61 | 67 | 67 | 55 | 53 | 64 | 52 | 59 | | 61.5 |
| | MIN | 28 | 33 | 33 | 27 | 33 | 34 | 32 | 31 | 26 | 30 | 33 | 29 | 35 | 42 | 29 | 32 | 29 | 34 | 38 | 43 | 43 | 41 | 39 | 31 | 24 | 32 | 30 | 34 | 43 | 44 | | 33.7 |
| PLAINFIELD | MAX | 57 | 71 | 59 | 60 | 49 | 43 | 55 | 52 | 74 | 51 | 67 | 67 | 79 | 55 | 55 | 57 | 62 | 69 | 74 | 74 | 77 | 60 | 65 | 68 | 54 | 55 | 65 | 54 | 54 | 59 | | 61.4 |
| | MIN | 30 | 42 | 38 | 31 | 34 | 36 | 33 | 32 | 27 | 49 | 37 | 31 | 38 | 46 | 30 | 34 | 29 | 32 | 44 | 41 | 48 | 41 | 40 | 36 | 34 | 36 | 38 | 39 | 44 | 41 | | 37.0 |
| SOMERVILLE 3 NW | MAX | 49 | 60 | 71 | 57 | 57 | 50 | 43 | 53 | 50 | 73 | 51 | 65 | 70 | 76 | 53 | 53 | 56 | 62 | 66 | 73 | 71 | 75 | 59 | 64 | 67 | 52 | 53 | 64 | 52 | 55 | | 60.0 |
| | MIN | 26 | 31 | 34 | 27 | 33 | 34 | 32 | 31 | 24 | 33 | 37 | 28 | 35 | 44 | 28 | 29 | 28 | 31 | 43 | 41 | 46 | 36 | 39 | 31 | 34 | 33 | 33 | 39 | 43 | 39 | | 34.1 |
| SUSSEX 1 SE | MAX | 46 | 56 | 65 | 53 | 53 | 43 | 43 | 50 | 47 | 70 | 44 | 62 | 72 | 75 | 49 | 50 | 49 | 59 | 64 | 71 | 71 | 72 | 53 | 61 | 63 | 47 | 47 | 62 | 47 | 53 | | 56.6 |
| | MIN | 24 | 30 | 33 | 26 | 28 | 32 | 31 | 28 | 23 | 30 | 30 | 24 | 34 | 42 | 28 | 28 | 26 | 25 | 33 | 31 | 43 | 39 | 39 | 26 | 31 | 31 | 33 | 34 | 42 | 43 | | 31.6 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | MAX | 51 | 63 | 56 | 61 | 47 | 41 | 55 | 52 | 66 | 55 | 67 | 58 | 63 | 58 | 53 | 61 | 55 | 65 | 68 | 68 | 75 | 58 | 64 | 69 | 59 | 57 | 58 | 52 | 56 | 58 | | 59.0 |
| | MIN | 25 | 43 | 39 | 29 | 35 | 36 | 34 | 31 | 27 | 34 | 32 | 27 | 34 | 35 | 31 | 34 | 38 | 32 | 40 | 39 | 45 | 42 | 41 | 41 | 35 | 44 | 36 | 44 | 44 | 39 | | 36.2 |
| AUDUBON | MAX | 64 | 71 | 58 | 61 | 58 | 46 | 58 | 56 | 75 | 64 | 68 | 74 | 77 | 61 | 56 | 65 | 62 | 68 | 75 | 73 | 77 | 61 | 65 | 65 | 59 | 56 | 66 | 54 | 60 | 60 | | 63.8 |
| | MIN | 33 | 43 | 38 | 33 | 38 | 33 | 33 | 35 | 35 | 40 | 40 | 35 | 39 | 42 | 35 | 38 | 45 | 40 | 47 | 47 | 45 | 44 | 42 | 45 | 41 | 46 | 41 | 48 | 46 | 43 | | 40.3 |
| BELLEPLAIN ST FOREST | MAX | 59 | 73 | 60 | 65 | 61 | 49 | 58 | 58 | 75 | 69 | 68 | 68 | 73 | 69 | 57 | 66 | 67 | 69 | 73 | 73 | 79 | 72 | 67 | 71 | 65 | 62 | 65 | 64 | 61 | 61 | | 65.9 |
| | MIN | 24 | 47 | 35 | 30 | 33 | 38 | 34 | 30 | 27 | 48 | 28 | 21 | 30 | 46 | 25 | 33 | 35 | 42 | 41 | 35 | 45 | 38 | 40 | 42 | 34 | 45 | 32 | 45 | 39 | 34 | | 35.9 |
| BURLINGTON | MAX | 53 | 65 | | | 66 | 46 | 50 | 55 | 67 | 65 | 64 | 66 | 71 | 71 | 52 | 55 | 55 | 64 | 77 | 70 | 71 | 71 | 62 | 64 | 64 | 58 | 63 | 63 | 57 | 60 | | 62.3 |
| | MIN | 31 | | 34 | 35 | 37 | 35 | 30 | 39 | 39 | 45 | 35 | 36 | 38 | 48 | 35 | 36 | 42 | 36 | 48 | 47 | 48 | 39 | 38 | 42 | 39 | 40 | 44 | 47 | 44 | 41 | | 39.6 |
| CHATSWORTH | MAX | 58 | 75 | 58 | 64 | 60 | 44 | 57 | 64 | 75 | 69 | 67 | 67 | 75 | 68 | 55 | 61 | 62 | 69 | 74 | 72 | 78 | 74 | 65 | 70 | 62 | | 64 | 62 | 58 | 58 | | 65.0 |
| | MIN | 22 | 42 | 33 | 26 | 33 | 35 | 27 | 30 | 26 | 42 | 31 | 28 | 29 | 35 | 21 | 29 | 35 | 33 | 39 | 38 | 48 | | 35 | 29 | 25 | | 34 | 39 | 41 | 36 | | 32.9 |
| FREEHOLD | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GLASSBORO | MAX | 50 | 56 | 70 | 56 | 61 | 55 | 42 | 56 | 54 | 74 | 62 | 64 | 63 | 76 | 52 | 51 | 62 | 59 | 66 | 72 | 70 | 76 | 58 | 59 | 69 | 59 | 58 | 63 | 54 | 57 | | 60.8 |
| | MIN | 31 | 39 | 37 | 34 | 35 | 37 | 32 | 34 | 33 | 43 | 37 | 33 | 38 | 44 | 33 | 37 | 43 | 39 | 44 | 44 | 47 | 42 | 41 | 40 | 39 | 46 | 39 | 39 | 44 | 42 | | 38.9 |
| HAMMONTON 2 NNE | MAX | 51 | 60 | 72 | 59 | 64 | 53 | 41 | 56 | 54 | 73 | 55 | 66 | 69 | 77 | 58 | 55 | 64 | 62 | 67 | 71 | 71 | 79 | 62 | 66 | 71 | 63 | 59 | 65 | 54 | 60 | | 62.6 |
| | MIN | 28 | 39 | 36 | 30 | 36 | 36 | 31 | 31 | 28 | 43 | 33 | 30 | 35 | 43 | 30 | 34 | 41 | 34 | 44 | 41 | 44 | 39 | 38 | 40 | 35 | 42 | 37 | 44 | 41 | 37 | | 36.7 |
| HIGHTSTOWN 1 N | MAX | 60 | 71 | 60 | 59 | 56 | 42 | 53 | 51 | 73 | 68 | 66 | 70 | 77 | 62 | 54 | 58 | 61 | 66 | 73 | 70 | 75 | 69 | 63 | 67 | 53 | 55 | 64 | 53 | 58 | 60 | | 62.2 |
| | MIN | 28 | 41 | 37 | 29 | 35 | 36 | 32 | 32 | 28 | 36 | 34 | 32 | 38 | 44 | 31 | 32 | 32 | 33 | 42 | 41 | 43 | 39 | 40 | 33 | 34 | 39 | 37 | 39 | 44 | 38 | | 36.0 |
| INDIAN MILLS 2 W | MAX | 58 | 71 | 57 | 62 | 54 | 41 | 55 | 53 | 74 | 64 | 66 | 71 | 77 | 63 | 53 | 61 | 60 | 66 | 72 | 71 | 77 | 70 | 63 | 69 | 58 | 56 | 62 | 55 | 57 | 58 | | 62.5 |
| | MIN | 22 | 47 | 35 | 26 | 33 | 34 | 32 | 33 | 25 | 45 | 31 | 24 | 31 | 45 | 31 | 29 | 40 | 35 | 42 | 33 | 38 | 38 | 40 | 36 | 34 | 43 | 31 | 40 | 45 | 34 | | 35.1 |
| MILLVILLE FAA AIRPORT | MAX | 56 | 67 | 57 | 61 | 54 | 42 | 55 | 54 | 72 | 64 | 65 | 68 | 71 | 59 | 54 | 66 | 62 | 65 | 71 | 70 | 76 | 58 | 64 | 68 | 62 | 57 | 62 | 53 | 57 | 59 | | 61.6 |
| | MIN | 26 | 42 | 38 | 31 | 38 | 36 | 33 | 32 | 28 | 32 | 32 | 31 | 34 | 40 | 31 | 39 | 36 | 43 | 43 | 41 | 48 | 41 | 43 | 43 | 37 | 43 | 35 | 49 | 45 | 39 | | 37.6 |
| MOORESTOWN | MAX | 51 | 60 | 71 | 56 | 62 | 55 | 43 | 54 | 54 | 73 | 50 | 66 | 71 | 75 | 54 | 53 | 60 | 61 | 66 | 73 | 72 | 76 | 59 | 65 | 69 | 58 | 56 | 63 | 53 | 57 | | 61.2 |
| | MIN | 27 | 39 | 39 | 31 | 36 | 39 | 32 | 33 | 27 | 45 | 34 | 29 | 36 | 45 | 23 | 32 | 42 | 37 | 43 | 44 | 43 | 43 | 43 | 37 | 40 | 46 | 34 | 45 | 45 | 41 | | 37.7 |
| NEW BRUNSWICK | MAX | 49 | 58 | 71 | 56 | 58 | 48 | 43 | 53 | 51 | 72 | 49 | 65 | 66 | 76 | 53 | 52 | 57 | 61 | 66 | 71 | 70 | 74 | 59 | 64 | 67 | 52 | 54 | 64 | 54 | 55 | | 59.6 |
| | MIN | 29 | 39 | 38 | 35 | 35 | 36 | 32 | 32 | 27 | 44 | 34 | 31 | 39 | 40 | 30 | 35 | 34 | 36 | 45 | 43 | 47 | 41 | 41 | 42 | 35 | 40 | 39 | 41 | 43 | 41 | | 37.5 |
| PEMBERTON 3 E | MAX | 58 | 73 | 62 | 63 | 56 | 46 | 56 | 55 | 75 | 64 | 67 | 72 | 78 | 68 | 55 | 61 | 64 | 67 | 73 | 72 | 76 | 72 | 63 | 69 | 58 | 56 | 65 | 61 | 59 | 62 | | 64.2 |
| | MIN | 24 | 46 | 36 | 28 | 31 | 36 | 32 | 31 | 26 | 44 | 33 | 29 | 33 | 45 | 29 | 29 | 37 | 32 | 40 | 36 | 43 | 39 | 39 | 31 | 34 | 42 | 33 | 38 | 43 | 36 | | 35.2 |
| SEABROOK FARMS | MAX | 50 | 59 | 71 | 57 | 61 | 56 | 41 | 55 | 54 | 73 | 51 | 65 | 70 | 73 | 55 | 53 | 66 | 63 | 65 | 72 | 71 | 75 | 57 | 64 | 69 | 62 | 58 | 63 | 54 | 58 | | 61.4 |
| | MIN | 28 | 39 | 37 | 31 | 39 | 38 | 32 | 33 | 30 | 46 | 33 | 31 | 37 | 45 | 30 | 37 | 40 | 40 | 40 | 40 | 48 | 40 | 40 | 40 | 36 | 45 | 35 | 45 | 41 | 38 | | 37.8 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SHILOH | MAX | 55 | 62 | 62 | 60 | 61 | 55 | 54 | 55 | 72 | 69 | 65 | 68 | 70 | 68 | 53 | 65 | 64 | 65 | 71 | 70 | 76 | 71 | 64 | 68 | 65 | 60 | 62 | 62 | 57 | 60 | | 63.6 |
| | MIN | 28 | 29 | 36 | 33 | 39 | 32 | 32 | 34 | 33 | 45 | 35 | 34 | 38 | 43 | 32 | 32 | 39 | 37 | 41 | 41 | 46 | 33 | 38 | 40 | 37 | 34 | 38 | 48 | 43 | 41 | | 37.0 |
| TOMS RIVER | MAX | 51 | 55 | 70 | 58 | 63 | 47 | 41 | 55 | 53 | 73 | 53 | 67 | 60 | 72 | 56 | 54 | 61 | 56 | 69 | 71 | 72 | 77 | 58 | 64 | 70 | 57 | 57 | 62 | 53 | 56 | | 60.4 |
| | MIN | 25 | 37 | 39 | 32 | 34 | 39 | 31 | 29 | 24 | 49 | 35 | 29 | 32 | 48 | 29 | 30 | 30 | 33 | 43 | 40 | 43 | 37 | 39 | 38 | 35 | 38 | 36 | 37 | 42 | 36 | | 35.6 |
| TRENTON WSO | MAX | 58 | 68 | 56 | 57 | 51 | 42 | 53 | 53 | 71 | 62 | 64 | 70 | 75 | 58 | 53 | 58 | 59 | 65 | 71 | 70 | 73 | 57 | 62 | 66 | 53 | 52 | 62 | 52 | 55 | 56 | | 60.1 |
| | MIN | 36 | 44 | 41 | 41 | 37 | 33 | 34 | 35 | 36 | 41 | 38 | 38 | 42 | 39 | 35 | 40 | 39 | 39 | 47 | 49 | 49 | 44 | 43 | 39 | 38 | 44 | 42 | 46 | 45 | 43 | | 40.6 |
| TUCKERTON | MAX | 51 | 62 | 59 | 65 | 47 | 42 | 56 | 54 | 73 | 58 | 66 | 65 | 72 | 57 | 55 | 61 | 53 | 68 | 63 | 68 | 75 | 68 | 64 | 70 | 61 | 58 | 58 | 58 | 59 | 58 | | 60.8 |
| | MIN | 23 | 46 | 39 | 28 | 35 | 36 | 33 | 31 | 25 | 45 | 35 | 29 | 32 | 45 | 29 | 32 | 37 | 34 | 43 | 40 | 41 | 39 | 38 | 40 | 31 | 43 | 37 | 45 | 42 | 37 | | 36.3 |
| WOODSTOWN | MAX | 60 | 71 | 59 | 62 | 58 | 44 | 57 | 56 | 75 | 65 | 67 | 72 | 75 | 65 | 55 | 66 | 63 | 66 | 74 | 73 | 76 | 69 | 64 | 70 | 68 | 59 | 64 | 58 | 58 | 62 | | 64.4 |
| | MIN | 34 | 48 | 35 | 30 | 43 | 39 | 28 | 32 | 29 | 45 | 29 | 40 | 35 | 43 | 33 | 35 | 41 | 36 | 43 | 40 | 43 | 39 | 40 | 35 | 38 | 43 | 37 | 46 | 39 | 40 | | 37.9 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 48 | 53 | 55 | 58 | 45 | 42 | 55 | 53 | 53 | 57 | 64 | 52 | 54 | 58 | 53 | 62 | 53 | 63 | 59 | 63 | 66 | 56 | 62 | 68 | 58 | 56 | 57 | 50 | 57 | 57 | | 56.2 |
| | MIN | 34 | 43 | 41 | 41 | 40 | 37 | 35 | 34 | 40 | 40 | 36 | 39 | 44 | 40 | 34 | 41 | 43 | 40 | 46 | 46 | 51 | 44 | 43 | 45 | 40 | 44 | 40 | 48 | 44 | 43 | | 41.2 |
| CAPE MAY 1 NW | MAX | 48 | 50 | 56 | 56 | 60 | 47 | 41 | 53 | 52 | 58 | 60 | 60 | 55 | 60 | 55 | 51 | 62 | 56 | 64 | 63 | 66 | 70 | 58 | 64 | 65 | 61 | 58 | 60 | 51 | 59 | | 57.3 |
| | MIN | 28 | 41 | 39 | 37 | 39 | 38 | 33 | 36 | 32 | 36 | 34 | 40 | 39 | 48 | 38 | 40 | 38 | 45 | 46 | 43 | 49 | 46 | 45 | 46 | 44 | 45 | 43 | 48 | 43 | 45 | | 40.8 |
| LONG BRANCH 2 S | MAX | 48 | 62 | 58 | 62 | 54 | 41 | 54 | 50 | 60 | 58 | 64 | 57 | 63 | 56 | 53 | 57 | 54 | 64 | 67 | 69 | 76 | 71 | 63 | 62 | 55 | 55 | 63 | 56 | 51 | 58 | | 58.7 |
| | MIN | 28 | 41 | 40 | 35 | 37 | 36 | 33 | 32 | 28 | 44 | 35 | 31 | 37 | 45 | 30 | 36 | 30 | 33 | 44 | 44 | 45 | 39 | 42 | 40 | 35 | 40 | 39 | 40 | 43 | 39 | | 37.4 |
| SANDY HOOK | MAX | 46 | 59 | 55 | 54 | 52 | | | | 61 | 59 | 61 | 61 | 59 | 57 | 50 | 51 | 52 | 60 | 66 | 68 | | 65 | 58 | 59 | 58 | | | | 50 | 52 | | 57.1 |
| | MIN | 33 | 40 | 40 | 39 | 35 | 33 | | | 34 | 44 | 37 | 36 | 40 | 46 | 34 | 41 | 36 | 38 | 44 | 45 | 45 | | 42 | 44 | 37 | 43 | | 44 | 43 | 41 | | 39.8 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 52 | 55 | 56 | 56 | 52 | 44 | 46 | 50 | 56 | 51 | 57 | 63 | 62 | 56 | 55 | 51 | 60 | 58 | 63 | 65 | 64 | 57 | 60 | 64 | 55 | 55 | 62 | 52 | 54 | 57 | | 56.3 |
| | | MIN | 36 | 45 | 44 | 41 | 41 | 39 | 38 | 37 | 36 | 41 | 39 | 41 | 45 | 42 | 40 | 41 | 40 | 43 | 46 | 47 | 50 | 48 | 45 | 45 | 44 | 45 | 44 | 47 | 48 | 46 | | 42.8 |
| | 2 | MAX | 49 | 52 | 53 | 53 | 51 | 44 | 45 | 47 | 53 | 50 | 53 | 59 | 58 | 56 | 52 | 49 | 57 | 55 | 59 | 61 | 60 | 55 | 57 | 60 | 53 | 54 | 58 | 51 | 53 | 55 | | 53.7 |
| | | MIN | 38 | 45 | 45 | 42 | 42 | 40 | 39 | 37 | 37 | 42 | 41 | 42 | 46 | 43 | 42 | 43 | 41 | 44 | 46 | 47 | 51 | 49 | 46 | 46 | 45 | 46 | 45 | 48 | 48 | 47 | | 43.8 |
| | 4 | MAX | 47 | 50 | 52 | 51 | 49 | 44 | 44 | 46 | 50 | 49 | 51 | 56 | 56 | 54 | 51 | 48 | 54 | 53 | 56 | 58 | 58 | 54 | 55 | 57 | 52 | 52 | 56 | 51 | 52 | 54 | | 52.0 |
| | | MIN | 38 | 45 | 45 | 43 | 43 | 41 | 40 | 39 | 38 | 44 | 42 | 43 | 46 | 45 | 43 | 43 | 42 | 45 | 47 | 48 | 52 | 50 | 47 | 47 | 46 | 47 | 46 | 49 | 48 | 48 | | 44.7 |
| | 8 | MAX | 46 | 47 | 48 | 48 | 47 | 44 | 43 | 44 | 47 | 47 | 47 | 50 | 51 | 51 | 48 | 47 | 49 | 50 | 52 | 53 | 54 | 52 | 52 | 52 | 50 | 50 | 52 | 50 | 50 | 51 | | 49.1 |
| | | MIN | 40 | 45 | 45 | 45 | 44 | 42 | 41 | 41 | 41 | 45 | 43 | 44 | 47 | 47 | 46 | 45 | 44 | 46 | 47 | 49 | 51 | 51 | 48 | 48 | 48 | 48 | 48 | 49 | 49 | 48 | | 45.8 |
| | 20 | MAX | 44 | 44 | 45 | 45 | 45 | 44 | 44 | 43 | 44 | 45 | 45 | 46 | 47 | 47 | 47 | 46 | 46 | 47 | 50 | 49 | 50 | 50 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | | 46.8 |
| | | MIN | 41 | 43 | 44 | 45 | 44 | 44 | 43 | 42 | 42 | 44 | 44 | 44 | 46 | 47 | 46 | 46 | 45 | 46 | 47 | 48 | 49 | 49 | 49 | 48 | 49 | 48 | 48 | 49 | 49 | 48 | | 45.9 |
| | 40 | MAX | 44 | 44 | 43 | 43 | 44 | 44 | 44 | 43 | 44 | 44 | 44 | 45 | 45 | 45 | 46 | 46 | 46 | 46 | 48 | 46 | 47 | 47 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | | 45.7 |
| | | MIN | 41 | 42 | 43 | 43 | 43 | 44 | 43 | 43 | 43 | 44 | 44 | 44 | 44 | 45 | 45 | 46 | 45 | 46 | 46 | 46 | 46 | 47 | 47 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | | 45.2 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 60 | 64 | 63 | 63 | 55 | 43 | 53 | 54 | 63 | 54 | 64 | 70 | 69 | 60 | 58 | 54 | 68 | 67 | 74 | 76 | 74 | 61 | 69 | 76 | 60 | 61 | 72 | 52 | 57 | 61 | | 62.5 |
| | | MIN | 35 | 44 | 39 | 36 | 37 | 36 | 36 | 36 | 35 | 37 | 36 | 37 | 42 | 36 | 35 | 36 | 35 | 38 | 42 | 44 | 46 | 45 | 40 | 40 | 38 | 42 | 39 | 45 | 46 | 44 | | 39.2 |
| | 2 | MAX | 56 | 61 | 61 | 61 | 53 | 43 | 51 | 52 | 61 | 53 | 57 | 67 | 66 | 59 | 56 | 52 | 64 | 64 | 70 | 73 | 71 | 60 | 67 | 73 | 57 | 59 | 67 | 52 | 56 | 60 | | 60.1 |
| | | MIN | 35 | 45 | 40 | 37 | 38 | 36 | 36 | 36 | 35 | 38 | 36 | 37 | 42 | 37 | 36 | 36 | 35 | 38 | 42 | 44 | 47 | 45 | 41 | 42 | 39 | 42 | 40 | 46 | 46 | 44 | | 39.7 |
| | 4 | MAX | 50 | 53 | 55 | 54 | 51 | 43 | 47 | 48 | 54 | 50 | 54 | 59 | 59 | 55 | 51 | 48 | 56 | 57 | 62 | 64 | 63 | 57 | 60 | 62 | 54 | 54 | 60 | 51 | 52 | 56 | | 54.6 |
| | | MIN | 37 | 45 | 44 | 41 | 41 | 38 | 37 | 38 | 37 | 42 | 39 | 41 | 45 | 42 | 40 | 40 | 39 | 42 | 45 | 47 | 52 | 49 | 45 | 46 | 44 | 45 | 43 | 48 | 48 | 46 | | 42.9 |
| | 8 | MAX | 47 | 49 | 50 | 49 | 47 | 44 | 43 | 45 | 48 | 48 | 49 | 52 | 53 | 52 | 46 | 46 | 50 | 51 | 56 | 57 | 57 | 54 | 55 | 56 | 51 | 51 | 54 | 50 | 51 | 52 | | 50.4 |
| | | MIN | 40 | 45 | 46 | 44 | 44 | 41 | 40 | 41 | 40 | 44 | 42 | 44 | 47 | 46 | 44 | 43 | 42 | 45 | 47 | 49 | 54 | 52 | 49 | 49 | 48 | 48 | 47 | 50 | 49 | 48 | | 45.6 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

| | |
|---|---|
| SUB-STA 1 | : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER. |
| SUB-STA 2 | : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES. |

# SNOWFALL AND SNOW ON GROUND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIOERE | SNOWFALL | | | | | | | 1.5 | T | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| CHARLOTTEBURG | SNOWFALL | | | | | | | 4.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | 5 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| LAMBERTVILLE | SNOWFALL | | | | | | T | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | SNOWFALL | | | | | | | .5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG VALLEY | SNOWFALL | | | | | | | 4.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | - | | | | | | | | | | | | | | | | | | | | | | | | |
| MORRIS PLAINS 1 W | SNOWFALL | | | | | | | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWARK WSO | SNOWFALL | | | | | | 2.2 | T | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | T | | | | | | | | | | | | | | | | | | | | | | | | |
| | WTR EOUIV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWTON | SNOWFALL | | | | | | | 4.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | 4 | 1 | T | T | | | | | | | | | | | | | | | | | | | | | |
| PATERSON | SNOWFALL | | | | | | | 1.8 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLAINFIELO | SNOWFALL | | | | | | | 2.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | - | | | | | | | | | | | | | | | | | | | | | | | | |
| RAHWAY | SNOWFALL | | | | | | .8 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | 1 | 2 | T | | | | | | | | | | | | | | | | | | | | | | | |
| SOMERVILLE 3 NW | SNOWFALL | | | | | | | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| WANAOUE RAYMONO OAM | SNOWFALL | | | | | | | - | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | SNOWFALL | | | | | | | T | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | WTR EOUIV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BASS RIVER ST FOREST | SNOWFALL | | | | | | | - | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | - | | | | | | | | | | | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | SNOWFALL | | | | | T | T | 4.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | T | | | | | | | | | | | | | | | | | | | | | | | | |
| INOIAN MILLS 2 W | SNOWFALL | | | | | | T | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | SNOWFALL | | | | | | T | T | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | T | | | | | | | | | | | | | | | | | | | | | | | | |
| MOORESTOWN | SNOWFALL | | | | | | | - | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | SNOWFALL | | | | | | | 5.0 | T | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | SNOWFALL | | | | | | | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEABROOK FARMS | SNOWFALL | | | | | | | - | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRENTON WSO | SNOWFALL | | | | | T | 3.0 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | T | | 2 | T | | | | | | | | | | | | | | | | | | | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2 S | SNOWFALL | | | | | T | T | .3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GNO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

# EVAPORATION AND WIND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | EVAP | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .41 | .24 | .13 | .15 | .21 | .19 | .19 | .07 | .20 | .11 | .13 | .00 | .15 | .00 | .04 | | - |
| | WINO | 30 | 42 | 51 | 59 | 51 | 56 | 143 | 62 | 40 | 81 | 26 | 49 | 31 | 77 | 54 | 54 | 40 | 18 | 28 | 93 | 29 | 62 | 66 | 53 | 46 | 27 | 39 | 34 | 54 | 16 | | 1511 |
| | MAX | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 63 | 51 | 63 | 65 | 70 | 72 | 71 | 59 | 68 | 67 | 57 | 56 | 64 | 50 | 51 | | - |
| | MIN | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 40 | 33 | 30 | 40 | 46 | 49 | 44 | 44 | 41 | 40 | 40 | 41 | 42 | 45 | 46 | | - |

See Reference Notes Following Station Index

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WSO | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| #ATLANTIC CITY R | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON 2 N | 1754 | 01 | HUNTERDON | 10 | 40 40 | 74 55 | 350 | | | | C | NJ BUREAU OF WTR SUPPLY |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A | | | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A | | | INACTIVE 9/1/70 |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | 8A | 8A | | H | US DEPT OF AGRICULTURE |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH M. GARRIS, 111 |
| MOUNT HOLLY | 5866 | 02 | BURLINGTON | 2 | 39 59 | 74 48 | 10 | | | | C | J. WESLEY GOODFELLOW |
| NEWARK WSO R | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A | | H | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| #TRENTON WSO R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER & LIGHT CO. |
| WINDSOR | 9761 | 02 | MERCER | 2 | 40 15 | 74 35 | 88 | | | | C | JACOBUS J. MODIMAN |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN 11-ROCKAWAY

## REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 1:00 p.m., e.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| - | No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.<br>No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry. |
| + | And also on an earlier date or dates. |
| ++ | Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data. |
| * | Amount included in following measurement, time distribution unknown. |
| // | Gage is equipped with a windshield. |
| B | Adjusted to a full month. |
| D | Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall. |
| M | One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month. |
| R | Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.) |
| T | Trace, an amount too small to measure. |
| V | Includes total for previous month. |

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| AR | This entry in time of observation column in Station Index means after rain. |
| C | Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin. |
| G | "Soil Temperature" table. |
| H | "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month. |
| J | "Supplemental Data" table. |
| S | Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin. |
| SS | This entry in time of observation column in Station Index means observation made near sunset. |
| VAR | This entry in time of observation column in Station Index means variable. |
| # | Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building. |

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-NOAA-ASHEVILLE-5/27/71-920

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UNNJ

# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
MAY 1971
Volume 76 No. 5

THE LIBRARY OF THE
JUL 26 1971
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 67.6 | 43.0 | 55.3 | - 6.9 | 88 | 20 | 32 | 1 | 299 | 0 | 0 | 1 | 0 | 4.93 | .90 | 1.05 | 31 | .0 | 0 | | 11 | 4 | 1 |
| BOONTON 1 SE | 67.5 | 46.0 | 56.8 | - 2.3 | 86 | 19 | 36 | 23+ | 257 | 0 | 0 | 0 | 0 | 4.89 | .73 | .89 | 9 | .0 | 0 | | 9 | 5 | 0 |
| CANOE BROOK | 67.9 | 43.3 | 55.6 | - 3.3 | 84 | 19+ | 33 | 1 | 295 | 0 | 0 | 0 | 0 | 3.56 | - .59 | .83 | 9 | .0 | 0 | | 9 | 3 | 0 |
| CHARLOTTEBURG | 63.7 | 43.0 | 53.4 | - 5.0 | 82 | 19 | 35 | 15 | 352 | 0 | 0 | 0 | 0 | 4.49 | .34 | 1.24 | 14 | .0 | 0 | | 8 | 4 | 1 |
| CRANFORD | 70.6 | 46.4 | 58.5 | | 83 | 18 | 35 | 15+ | 198 | 0 | 0 | 0 | 0 | 4.16 | | 1.32 | 13 | .0 | 0 | | 8 | 3 | 1 |
| ESSEX FELLS SERV BLDG | 68.7 | 43.9 | 56.3 | | 82 | 19 | 34 | 1 | 268 | 0 | 0 | 0 | 0 | 3.60 | | .80 | 13 | .0 | 0 | | 8 | 3 | 0 |
| FLEMINGTON 1 NE | 67.8 | 42.8M | 55.3M | - 6.5 | 87 | 20 | 32 | 15 | 286 | 0 | 0 | 1 | 0 | 4.38 | .37 | .97 | 14 | .0 | 0 | | 9 | 3 | 0 |
| HIGH POINT PARK | M | 44.3M | M | | | | | | | | 0 | | 0 | 2.29 | | 1.12 | 31 | .0 | 0 | | 4 | 2 | 1 |
| JERSEY CITY | 66.7 | 51.9 | 59.3 | - 1.9 | 80 | 25+ | 44 | 4+ | 184 | 0 | 0 | 0 | 0 | 3.46 | - .29 | 1.42 | 13 | .0 | 0 | | 7 | 3 | 1 |
| LAMBERTVILLE | 71.7 | 46.3 | 59.0 | - 2.6 | 89 | 19 | 35 | 5 | 186 | 0 | 0 | 0 | 0 | 4.18 | .10 | 1.53 | 13 | .0 | 0 | | 9 | 2 | 1 |
| LITTLE FALLS | 68.1 | 47.1 | 57.6 | - 3.6 | 84 | 19 | 37 | 1 | 232 | 0 | 0 | 0 | 0 | 4.84 | .51 | 1.24 | 14 | .0 | 0 | | 7 | 4 | 2 |
| LONG VALLEY | 65.7 | 42.6 | 54.2 | | 84 | 20 | 32 | 15+ | 328 | 0 | 0 | 2 | 0 | 4.80 | .63 | 1.09 | 13 | .0 | 0 | | 12 | 4 | 1 |
| MORRIS PLAINS 1 W | 67.0 | 44.4 | 55.7 | | 85 | 19 | 31 | 5 | 285 | 0 | 0 | 1 | 0 | 4.95 | | .86 | 9 | .0 | 0 | | 10 | 5 | 0 |
| NEWARK WSO R | 69.5 | 51.6 | 60.6 | - 1.4 | 84 | 25+ | 42 | 1 | 155 | 0 | 0 | 0 | 0 | 3.65 | .00 | 1.51 | 13 | .0 | 0 | | 6 | 3 | 1 |
| NEWTON | 67.0 | 42.5 | 54.8 | - 4.2 | 89 | 20 | 33 | 15 | 318 | 0 | 0 | 0 | 0 | 6.10 | 2.15 | 1.15 | 31 | .0 | 0 | | 10 | 5 | 2 |
| PATERSON | 69.1 | 49.0 | 59.1 | - 2.8 | 85 | 19 | 41 | 15 | 195 | 0 | 0 | 0 | 0 | 4.79 | .49 | .96 | 31 | .0 | 0 | | 8 | 4 | 0 |
| PHILLIPSBURG | 68.4 | 43.8 | 56.1 | - 5.3 | 89 | 20 | 34 | 2+ | 276 | 0 | 0 | 0 | 0 | 6.34 | 2.19 | 1.37 | 31 | .0 | 0 | | 12 | 5 | 2 |
| PLAINFIELD | 69.7 | 47.1 | 58.4 | - 2.8 | 84 | 18+ | 35 | 5 | 201 | 0 | 0 | 0 | 0 | 5.08 | .94 | 1.39 | 13 | .0 | 0 | | 8 | 4 | 1 |
| SOMERVILLE 3 NW | 67.9 | 44.0 | 56.0 | - 5.1 | 85 | 20 | 31 | 5 | 280 | 0 | 0 | 1 | 0 | 4.27 | .46 | 1.07 | 14 | .0 | 0 | | 10 | 3 | 1 |
| SUSSEX 1 SE | 66.1 | 41.5 | 53.8 | - 6.1 | 87 | 20 | 32 | 23+ | 344 | 0 | 0 | 3 | 0 | 6.02 | 2.25 | 1.19 | 31 | .0 | 0 | | 8 | 5 | 3 |
| DIVISION | | | 56.6 | - 3.9 | | | | | | | | | | 4.54 | .47 | | | .0 | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 66.6 | 48.6 | 57.6 | - 3.7 | 82 | 19 | 36 | 1 | 228 | 0 | 0 | 0 | 0 | 1.88 | - 1.63 | .78 | 16 | .0 | 0 | | 5 | 1 | 0 |
| AUDUBON | 71.5 | 50.0 | 60.8 | | 90 | 19 | 43 | 15+ | 142 | 1 | 0 | 0 | 0 | 4.68 | | 1.95 | 16 | .0 | 0 | | 10 | 2 | 1 |
| BELLEPLAIN ST FOREST | 72.5M | 47.1 | 59.8M | | 88 | 19 | 32 | 1 | 162 | 0 | 0 | 1 | 0 | 2.02 | - 1.81 | .36 | 8 | .0 | 0 | | 8 | 0 | 0 |
| BURLINGTON | 73.8 | 49.5 | 61.7 | - 2.5 | 91 | 19 | 39 | 5 | 127 | 1 | 0 | 0 | 0 | 3.68 | - .08 | 1.53 | 16 | .0 | 0 | | 8 | 2 | 1 |
| CHATSWORTH | 72.4 | 46.0 | 59.2 | | 91 | 19 | 32 | 5 | 179 | 1 | 0 | 1 | 0 | 4.53 | | 2.44 | 16 | .0 | 0 | | 7 | 2 | 1 |
| FREEHOLD | 67.9 | 47.1 | 57.5 | - 4.1 | 85 | 20 | 38 | 15 | 238 | 0 | 0 | 0 | 0 | 3.03 | - 1.00 | .74 | 17 | .0 | 0 | | 9 | 2 | 0 |
| GLASSBORO | 69.1 | 49.3 | 59.2 | | 88 | 20 | 40 | 2 | 193 | 0 | 0 | 0 | 0 | 4.73 | | | | .0 | 0 | | | | |
| HAMMONTON 2 NNE | 71.3 | 47.1 | 59.2 | - 3.5 | 91 | 20 | 38 | 1 | 185 | 1 | 0 | 0 | 0 | 3.91 | - .01 | 1.47 | 16 | .0 | 0 | | 7 | 2 | 1 |
| HIGHTSTOWN 1 N | 69.7 | 47.1 | 58.4 | - 3.0 | 86 | 19 | 37 | 1 | 205 | 0 | 0 | 0 | 0 | 3.50 | - .22 | 1.24 | 16 | .0 | 0 | | 8 | 1 | 1 |
| INDIAN MILLS 2 W | 70.1 | 46.1 | 58.1 | - 3.9 | 92 | 19 | 33 | 1 | 220 | 1 | 0 | 0 | 0 | 4.59 | .71 | 2.18 | 16 | .0 | 0 | | 8 | 2 | 1 |
| MILLVILLE FAA AIRPORT | 69.3 | 49.2 | 59.3 | | 87 | 19 | 36 | 1 | 182 | 0 | 0 | 0 | 0 | 3.33 | | 1.96 | 16 | .0 | 0 | | 8 | 1 | 1 |
| MOORESTOWN | 69.2 | 48.0 | 58.6 | - 3.1 | 89 | 20 | 39 | 15 | 202 | 0 | 0 | 0 | 0 | 4.26 | .19 | | | .0 | 0 | | | | |
| NEW BRUNSWICK | 67.1 | 48.2 | 57.7 | - 3.9 | 80 | 19+ | 40 | 1 | 229 | 0 | 0 | 0 | 0 | 3.77 | .02 | .60 | 17 | .0 | 0 | | 9 | 2 | 0 |
| PEMBERTON 3 E | 71.5 | 46.3 | 58.9 | - 3.8 | 90 | 19 | 35 | 1 | 195 | 1 | 0 | 0 | 0 | 4.21 | .45 | 2.09 | 16 | .0 | 0 | | 8 | 1 | 1 |
| SEABROOK FARMS | 69.3 | 49.6 | 59.5 | | 87 | 20 | 37 | 1 | 182 | 0 | 0 | 0 | 0 | 4.94 | | 1.30 | 16 | .0 | 0 | | 11 | 4 | 1 |
| SHILOH | 71.1 | 50.1 | 60.6 | - 2.4 | 84 | 20+ | 41 | 1 | 147 | 0 | 0 | 0 | 0 | 4.21 | .25 | 1.46 | 16 | .0 | 0 | | 10 | 2 | 1 |
| TOMS RIVER | 67.1 | 47.8 | 57.5 | | 81 | 26+ | 36 | 1 | 237 | 0 | 0 | 0 | 0 | 6.17 | | 2.15 | 17 | .0 | 0 | | 9 | 4 | 1 |
| TRENTON WSO R | 67.9 | 51.0 | 59.5 | - 2.8 | 89 | 19 | 43 | 1 | 182 | 0 | 0 | 0 | 0 | 3.88 | .26 | 1.19 | 16 | .0 | 0 | | 9 | 3 | 1 |
| TUCKERTON | 67.7 | 47.6 | 57.7 | | 80 | 19 | 38 | 1 | 224 | 0 | 0 | 0 | 0 | 3.29 | | 1.51 | 16 | .0 | 0 | | 6 | 3 | 1 |
| WOODSTOWN | 72.6M | 47.7M | 60.2M | | 88 | 19 | 35 | 1 | 158 | 0 | 0 | 0 | 0 | 5.76 | | 1.75 | 16 | .0 | 0 | | 8 | 4 | 2 |
| DIVISION | | | 59.1 | - 3.0 | | | | | | | | | | 4.02 | .24 | | | .0 | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 62.9 | 50.9 | 56.9 | - 2.6 | 76 | 26 | 43 | 1 | 246 | 0 | 0 | 0 | 0 | 2.14 | - 1.02 | 1.08 | 16 | | | | 5 | 1 | 1 |
| CAPE MAY 1 NW | 65.4M | 51.4M | 58.4M | | 77 | 27+ | 43 | 1 | 195 | 0 | 0 | 0 | 0 | 4.62 | | 1.11 | 17 | .0 | 0 | | 10 | 4 | 2 |
| LONG BRANCH 2 S | 66.8 | 48.6 | 57.7 | - 2.1 | 82 | 25 | 39 | 1 | 226 | 0 | 0 | 0 | 0 | 4.31 | .82 | 1.75 | 16 | .0 | 0 | | 8 | 3 | 1 |
| SANDY HOOK | | | | | | | | | | | | | | | | | | | | | | | |
| DIVISION | | | 57.7 | - 2.3 | | | | | | | | | | 3.69 | .43 | | | .0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>INDIAN MILLS 2 W | 92 | DATE | 19 |
| LOWEST TEMPERATURE<br>2 STATIONS | 31 | DATE | 05 |
| GREATEST TOTAL PRECIPITATION<br>PHILLIPSBURG | 6.34 | | |
| LEAST TOTAL PRECIPITATION<br>ATLANTIC CITY WSO | 1.88 | | |
| GREATEST 1 DAY PRECIPITATION<br>CHATSWORTH | 2.44 | DATE | 16 |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

NEW JERSEY
MAY 1971

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 4.93 | | T | .03 | .06 | | .03 | .11 | .22 | .57 | .05 | | | .68 | .77 | | .32 | .14 | | | | .34 | .24 | | | T | .32 | | T | | T | 1.05 |
| BERNARDSVILLE 2 E | 4.45 | .01 | | .14 | .01 | | .04 | .13 | .02 | .98 | .01 | | | .29 | 1.01 | | .20 | .41 | | | | T | .47 | | | | | | | | .01 | .72 |
| BLACKWELLS MILLS | 4.06 | .01 | | .17 | | | .06 | .29 | .03 | .56 | .02 | | | .15 | 1.15 | | .23 | .70 | | | | .02 | .25 | | | | .03 | | | | .01 | .38 |
| BOONTON 1 SE | 4.89 | T | | .05 | .02 | | .02 | .06 | .02 | .89 | .02 | | | .60 | .70 | | .28 | .30 | | | | .28 | .38 | | | | .71 | | T | | .04 | .52 |
| BOUND BROOK 2 W | 3.96 | | | .14 | | | .04 | .15 | | .77 | | | | .71 | .68 | | .25 | .45 | | | | .11 | | | | | .01 | | | | .05 | .60 |
| BRANCHVILLE | 5.44 | | | .05 | T | | | .03 | | .99 | .06 | | | .97 | .79 | | .26 | .12 | | | | .08 | .31 | | | | .72 | | | | .04 | 1.02 |
| CANISTEAR RESERVOIR | 5.11 | | | .12 | .07 | | T | .05 | | .83 | .04 | | | .67 | 1.04 | | .33 | .18 | | | | .05 | .34 | | | T | .57 | | T | | .07 | .75 |
| CANOE BROOK | 3.56 | .05 | | .10 | T | | .03 | .12 | .02 | .83 | .02 | | | .68 | .52 | | .25 | .30 | | | | T | .30 | | | | T | | | | .01 | .33 |
| CHARLOTTEBURG | 4.49 | | | .08 | .05 | | T | .05 | | .79 | .03 | | | .23 | 1.24 | | .22 | .27 | | | | .04 | .41 | | | T | .51 | | T | | .04 | .53 |
| CRANFORD | 4.16 | | .06 | .02 | | | .16 | | .77 | .02 | | | T | 1.32 | .23 | | .75 | | | | | .32 | | | | T | | | | | .15 | .36 |
| ESSEX FELLS SERV BLDG | 3.60 | .05 | | .08 | | | .06 | .03 | .42 | .45 | | | | .80 | .15 | | .60 | | | | | T | .21 | | | | .05 | | | | .20 | .50 |
| FLEMINGTON 1 NE | 4.38 | | | .15 | .04 | | .06 | .05 | .04 | .74 | .08 | | | .37 | .97 | | .31 | .37 | | | | .02 | .17 | | | | .13 | | | | .03 | .85 |
| GREENWOOD LAKE | 5.59 | | | .07 | .08 | | | .05 | | .93 | .04 | | | .30 | 1.32 | | .22 | .26 | | | | .17 | .26 | | | | .95 | | | | .02 | .92 |
| HIGH POINT PARK | 2.29 | | | | | | | | | .05 | T | | | | | | .22 | T | | | | .05 | .10 | | | | .70 | | | | .05 | 1.12 |
| JERSEY CITY | 3.46 | | T | .18 | | | .18 | | .62 | | | | | 1.42 | | | .58 | | | | | | | | | | | | | | .16 | .32 |
| LAMBERTVILLE | 4.18 | | .11 | .06 | .02 | | .31 | | .43 | .01 | .02 | | | 1.53 | .28 | | .78 | T | | | | .14 | | | | T | .04 | | | | .18 | .27 |
| LITTLE FALLS | 4.84 | .03 | | .06 | | | .01 | .05 | .03 | 1.12 | .02 | | | .62 | 1.24 | T | .30 | .25 | | | | | .06 | | | | .26 | | | | .03 | .76 |
| LONG VALLEY | 4.80 | .03 | | .11 | .03 | | | .14 | .31 | .37 | | | | 1.09 | .79 | | .51 | | | | | .21 | .34 | | | | .25 | | | | .10 | .52 |
| MAHWAH | 4.04 | | | .03 | .03 | | | .02 | | 1.07 | .03 | | | .47 | .55 | | .29 | .25 | | | | .06 | .10 | | | | .47 | | | | .02 | .65 |
| MIDLAND PARK | 4.22 | | .07 | .02 | | | .02 | | 1.08 | .02 | .02 | | | 1.29 | | | .57 | | | | | .05 | | | | .47 | | | | | .35 | .26 |
| MILTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MORRIS PLAINS 1 W | 4.95 | T | T | .12 | T | | .02 | .07 | T | .86 | .02 | | | .54 | .71 | | .23 | .34 | | | | .20 | .32 | | | | .80 | | T | | .01 | .71 |
| NEWARK WSO R | 3.65 | | .09 | .02 | T | | .14 | | .75 | .02 | .01 | | T | 1.51 | | T | .76 | | | | | .03 | T | | T | T | | | | | .16 | .16 |
| NEW MILFORD | 3.44 | | .03 | .05 | | | | | .78 | .03 | | | | 1.01 | .03 | | .52 | | | | | | | | | .32 | | | | | .21 | .46 |
| NEWTON | 6.10 | | T | .06 | .03 | | .02 | .06 | .14 | .77 | .06 | | | 1.09 | .96 | | .16 | .25 | | | | .19 | .31 | | | | .85 | | | | T | 1.15 |
| OAK RIDGE RESERVOIR | 5.15 | | | .21 | .06 | | .02 | .07 | T | .73 | .07 | | | .48 | 1.39 | | .28 | .29 | | | | .03 | .39 | | | T | .49 | | | | .08 | .56 |
| PATERSON | 4.79 | T | | .13 | .03 | | .02 | .08 | .08 | .89 | .04 | | | .76 | .65 | | .28 | .31 | | | | | .03 | | | | .47 | | | | .06 | .96 |
| PHILLIPSBURG | 6.34 | | | | .03 | | .13 | .20 | .16 | .72 | | | | .43 | .82 | | .24 | .28 | | | | 1.12 | .29 | | | | .55 | | | | | 1.37 |
| PLAINFIELD | 5.08 | | .08 | .04 | | | .28 | | .80 | | .03 | | T | 1.39 | .21 | | .79 | T | | | | .42 | T | | | T | .01 | | | | .32 | .71 |
| POTTERSVILLE 2 NNW | 4.74 | .01 | | .12 | | | .09 | | .03 | .80 | | | | .86 | .48 | | .33 | .22 | | | | .33 | .24 | | | | .33 | | | | T | .90 |
| RAHWAY | 3.96 | | .10 | .01 | | | .25 | | .45 | | .03 | | | 1.18 | .02 | | .93 | | | | | .21 | | | | T | T | | | | .56 | .22 |
| RINGWOOD | 3.32 | | | .04 | T | | T | | .06 | .76 | T | | | .96 | .48 | | .38 | T | | | | .05 | .06 | | | | .48 | | | | .05 | |
| SOMERVILLE 3 NW | 4.27 | .03 | | .18 | | | .05 | .14 | .21 | .63 | .02 | | | .35 | 1.07 | | .30 | .36 | | | | .09 | .18 | | | | T | | | | .03 | .63 |
| SPLIT ROCK POND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SUSSEX 1 SE | 6.02 | | .02 | .08 | .02 | | | .03 | | 1.18 | .06 | | | .89 | 1.07 | | .23 | .18 | | | | T | .36 | | | | .71 | T | | | T | 1.19 |
| WANAQUE RAYMOND DAM | 3.99 | | | .10 | | | | .03 | T | .90 | T | | | .45 | .74 | | .30 | .20 | | | | .01 | .16 | | | | .35 | | | | .10 | .65 |
| WERTSVILLE | 4.11 | | | .15 | T | | .03 | .23 | .08 | .47 | .06 | | | .51 | 1.00 | | .52 | .25 | | | | T | .12 | | | | .05 | | | T | .02 | .62 |
| WEST WHARTON | 4.43 | | | .11 | .07 | | .01 | .08 | T | .67 | .02 | | | .36 | 1.35 | | .20 | .29 | | | | .04 | .41 | T | | | .27 | | | | .05 | .50 |
| WOODCLIFF LAKE | 3.53 | | .11 | .07 | .01 | | | .02 | .95 | .03 | .02 | | .35 | .70 | .02 | | .48 | | | | | | | | | .37 | | | | | .16 | .24 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 1.88 | | .08 | T | T | T | .08 | .01 | .27 | T | .01 | | T | .11 | | T | .78 | T | | | | .12 | | | | T | .03 | | | .08 | .29 | .02 |
| AUDUBON | 4.68 | | .10 | | | T | .37 | | .82 | .05 | | | T | .36 | | T | 1.95 | | | | T | .33 | | | | .20 | .10 | | | | .28 | .12 |
| BASS RIVER ST FOREST | 3.23 | | | .16 | | | | .14 | .33 | .15 | .02 | | | | .12 | | | 1.45 | | | | .02 | .12 | | | | .04 | | | | .47 | .21 |
| BELLEPLAIN ST FOREST | 2.02 | | | .16 | .06 | | | | .36 | | | | | .03 | .13 | | .25 | .04 | T | | | .18 | .18 | | | | .03 | | | | .34 | .26 |
| BURLINGTON | 3.68 | | .24 | .02 | | | .68 | | .06 | .02 | | | | .08 | | | 1.53 | | | | | .18 | | | | .15 | .17 | | | | .27 | .28 |
| CANTON | 4.18 | | | .01 | .11 | .04 | | | .85 | | | | | | .35 | | 1.34 | | | | | .45 | .15 | | | | .25 | | | .30 | .14 | .19 |
| CHATSWORTH | 4.53 | | | | | | .16 | | .40 | | | | | .03 | .67 | | 2.44 | | | | | .20 | | | | | .13 | | | | .45 | .05 |
| FORTESCUE | 3.26 | | | | | | | | .55 | | | | | | .15 | | 1.90 | | | | | .10 | | | | | | | | | .37 | .19 |
| FREEHOLD | 3.03 | .02 | | .04 | | | .02 | | .16 | .36 | T | | | .01 | .20 | | .73 | .74 | | | | | .15 | | | | .12 | | | | .14 | .34 |
| GLASSBORO | 4.73 | .03 | | .02 | | | | .20 | .62 | | | | | .02 | .81 | | * | 1.54 | .02 | | | | .54 | | | | .43 | | | | .20 | .30 |
| HAMMONTON 2 NNE | 3.91 | | | .02 | T | | T | | .75 | .02 | | | | .02 | .42 | | 1.47 | .25 | | | | .01 | | | | | .32 | | | | .18 | .45 |
| HIGHTSTOWN 1 N | 3.50 | | .07 | T | | | .35 | | .47 | .01 | .03 | | | .18 | .09 | | 1.24 | | | | T | .29 | T | | | T | .16 | T | | | .25 | .36 |
| INDIAN MILLS 2 W | 4.59 | | .08 | | | | .20 | | .35 | T | | | .01 | | .58 | | 2.18 | | | | | .16 | | | | T | .47 | | | | .28 | .28 |
| MAYS LANDING 1 W | 3.42 | | | .32 | T | | T | .12 | .38 | .01 | | | | | .16 | | 1.46 | .02 | .09 | | | .01 | .16 | | | | .06 | | | .02 | .42 | .19 |
| MILLVILLE FAA AIRPORT | 3.33 | | .03 | T | .10 | .02 | .11 | .03 | .18 | T | T | | T | .07 | T | .02 | 1.96 | T | | | | .29 | | | | .03 | | | T | .11 | .23 | .15 |
| MOORESTOWN | 4.26 | | | .06 | | | .01 | .33 | * | .66 | | | | .04 | .35 | | * | 1.90 | | | | .17 | .09 | | | | .15 | | | | | .50 |
| NEW BRUNSWICK | 3.77 | .01 | T | .20 | T | | .05 | .27 | .45 | .09 | .02 | | | .50 | .46 | | .36 | .60 | | | | .04 | .26 | | | | .05 | | T | | .07 | .34 |
| PEMBERTON 3 E | 4.21 | | T | | | | .25 | | .31 | T | | | | .07 | .29 | | 2.09 | | | | | .37 | | | | | .30 | | | | .19 | .34 |
| PRINCETON WATER WORKS | 4.33 | | .20 | | T | | .36 | | .61 | .02 | T | | | .85 | | | 1.14 | | | | | .26 | | | | .07 | | | | | .30 | .52 |
| SEABROOK FARMS | 4.94 | | | T | .10 | | .02 | .17 | .63 | .03 | T | | | .06 | .54 | | 1.30 | .34 | .05 | | | .20 | .29 | | | | .41 | | | .06 | .17 | .57 |
| SHILOH | 4.21 | | | | .11 | | .20 | | .54 | .01 | | | T | .06 | .44 | | 1.46 | .05 | | | | .44 | | | | | .40 | | | .15 | .13 | .22 |
| TOMS RIVER | 6.17 | | | .01 | .04 | | .02 | .16 | .30 | .31 | .01 | | | | .98 | | .74 | 2.15 | | | | | .15 | | | | .02 | | | | .33 | .95 |
| TRENTON WSO R | 3.88 | | .13 | | T | | .40 | | .55 | .02 | T | | T | .60 | | .01 | 1.19 | | | | T | .19 | | | | .15 | | T | | | .43 | .21 |
| TUCKERTON | 3.29 | T | T | .10 | T | | .13 | T | .60 | .02 | .01 | | T | .10 | .03 | T | 1.51 | T | | | T | .09 | T | | | T | .01 | T | T | | .63 | .06 |
| WOODSTOWN | 5.76 | | .04 | T | .07 | | .32 | T | .72 | .02 | | | .01 | | 1.23 | | 1.75 | .03 | | | | .66 | | | | .01 | .43 | | | .02 | .32 | .13 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 2.14 | | .13 | .02 | | | .04 | | .27 | .01 | .01 | | | .12 | | | 1.08 | | | | | .08 | | | | | | | | .06 | .29 | .03 |
| CAPE MAY 1 NW | 4.62 | | | .30 | .10 | | T | T | .34 | | | | | T | .80 | | 1.06 | 1.11 | | | | | .10 | | | | .01 | | | .11 | .57 | .12 |
| LONG BRANCH 2 S | 4.31 | | | .14 | T | | .26 | T | .44 | .02 | T | | | .03 | .09 | | 1.75 | .01 | | | .01 | .10 | .03 | | T | T | .12 | T | | | .75 | .56 |
| SANDY HOOK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent | | | | Number of days with precipitation | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Standard of Time EASTERN | | | | | | | | | | | | |
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | Percent of Possible sunshine | Average sky cover sunrise to sunset |
| ATLANTIC CITY WSO | 27 | 1.5 | 9.3 | 28++ | 24 | 05 | 78 | 73 | 54 | 66 | 8 | 7 | 4 | 1 | 0 | 0 | 20 | 46 | 7.0 |
| ATLANTIC CITY ST. MARINA | - | - | - | 31 | NE | 16+ | - | - | - | - | 0 | 7 | 4 | 0 | 1 | 0 | 12 | - | - |
| NEWARK WSO | 30 | 2.3 | 9.9 | 27++ | 24 | 26 | 73 | 73 | 55 | 58 | 6 | 5 | 3 | 2 | 1 | 0 | 17 | - | 7.0 |
| TRENTON WSO | - | - | - | 34 | NW | 17 | - | - | - | - | 5 | 2 | 6 | 2 | 1 | 0 | 16 | 46 | 6.7 |

See reference notes following Station Index.

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 58 | 64 | 58 | 57 | 64 | 72 | 59 | 73 | 51 | 55 | 75 | 81 | 72 | 50 | 73 | 69 | 59 | 78 | 81 | 88 | 71 | 60 | 67 | 73 | 73 | 78 | 69 | 66 | 67 | 75 | 61 | 67.6 |
| | MIN | 32 | 33 | 42 | 41 | 34 | 43 | 38 | 40 | 47 | 45 | 42 | 47 | 49 | 40 | 35 | 41 | 47 | 43 | 48 | 52 | 53 | 47 | 37 | 39 | 44 | 49 | 42 | 40 | 43 | 47 | 52 | 43.0 |
| BOONTON 1 SE | MAX | 56 | 58 | 60 | 57 | 63 | 69 | 61 | 73 | 57 | 62 | 73 | 83 | 73 | 59 | 68 | 66 | 60 | 77 | 86 | 84 | 69 | 58 | 67 | 71 | 68 | 79 | 68 | 65 | 69 | 72 | 62 | 67.5 |
| | MIN | 36 | 46 | 44 | 43 | 36 | 52 | 45 | 49 | 47 | 47 | 47 | 49 | 52 | 41 | 38 | 49 | 48 | 47 | 50 | 51 | 53 | 48 | 36 | 40 | 49 | 52 | 41 | 41 | 42 | 53 | 54 | 46.0 |
| CANOE BROOK | MAX | 57 | 65 | 62 | 59 | 66 | 72 | 61 | 75 | 52 | 54 | 72 | 84 | 76 | 59 | 72 | 65 | 58 | 79 | 84 | 80 | 63 | 59 | 71 | 73 | 66 | 77 | 74 | 69 | 69 | 71 | 62 | 67.9 |
| | MIN | 33 | 41 | 46 | 37 | 36 | 46 | 39 | 45 | 46 | 46 | 40 | 48 | 54 | 39 | 34 | 41 | 44 | 43 | 50 | 48 | 48 | 43 | 37 | 35 | 50 | 55 | 42 | 37 | 43 | 45 | 50 | 43.3 |
| CHARLOTTEBURG | MAX | 54 | 59 | 55 | 51 | 61 | 66 | 58 | 71 | 50 | 51 | 70 | 78 | 71 | 49 | 62 | 63 | 54 | 73 | 82 | 80 | 69 | 55 | 63 | 68 | 66 | 76 | 64 | 63 | 66 | 69 | 59 | 63.7 |
| | MIN | 37 | 38 | 44 | 39 | 42 | 47 | 42 | 44 | 44 | 45 | 46 | 46 | 48 | 43 | 35 | 37 | 44 | 44 | 46 | 49 | 50 | 47 | 38 | 36 | 40 | 48 | 39 | 42 | 42 | 42 | 50 | 43.0 |
| CRANFORD | MAX | 65 | 64 | 58 | 65 | 73 | 73 | 72 | 71 | 54 | 74 | 82 | 77 | 71 | 73 | 69 | 62 | 81 | 83 | 82 | 61 | 60 | 69 | 74 | 73 | 80 | 73 | 71 | 69 | 72 | 65 | 74 | 70.6 |
| | MIN | 40 | 43 | 47 | 37 | 35 | 56 | 41 | 49 | 47 | 47 | 42 | 50 | 51 | 42 | 35 | 51 | 47 | 47 | 51 | 50 | 51 | 46 | 43 | 37 | 53 | 58 | 44 | 41 | 46 | 52 | 58 | 46.4 |
| ESSEX FELLS SERV BLDG | MAX | 57 | 63 | 62 | 56 | 64 | 73 | 64 | 73 | 62 | 68 | 72 | 81 | 75 | 63 | 71 | 63 | 60 | 77 | 82 | 81 | 67 | 58 | 70 | 72 | 73 | 80 | 72 | 68 | 69 | 72 | 62 | 68.7 |
| | MIN | 34 | 42 | 45 | 40 | 36 | 53 | 40 | 48 | 45 | 43 | 43 | 50 | 49 | 39 | 36 | 42 | 40 | 39 | 51 | 50 | 50 | 42 | 42 | 40 | 48 | 54 | 42 | 39 | 41 | 47 | 50 | 43.9 |
| FLEMINGTON 1 NE | MAX | 58 | 58 | 60 | 58 | 58 | 74 | 68 | 68 | 52 | 56 | 73 | 80 | 75 | 62 | 72 | 69 | 58 | 76 | 82 | 87 | 68 | 58 | 68 | 73 | 73 | 79 | 72 | 68 | 68 | 70 | 62 | 67.8 |
| | MIN | 36 | | | 42 | 43 | 38 | 39 | 42 | 46 | 46 | 40 | 43 | 47 | 45 | 32 | 44 | 43 | 40 | 45 | 50 | 50 | 45 | 40 | 34 | 38 | 50 | 39 | 39 | 43 | 48 | 53 | 42.8 |
| HIGH POINT PARK | MAX | | | | | | | | | | | | | | | | | | | | | | 56 | 62 | 66 | 68 | 75 | 63 | 62 | 63 | 69 | 59 | |
| | MIN | 40 | 41 | 40 | 38 | 39 | 43 | 40 | 46 | 41 | 45 | 45 | 55 | 41 | 42 | | 45 | 46 | | 58 | 48 | 45 | 45 | 37 | 37 | 48 | 51 | 44 | 43 | 44 | 48 | 50 | 44.3 |
| JERSEY CITY | MAX | 63 | 56 | 55 | 63 | 71 | 66 | 70 | 57 | 54 | 69 | 79 | 74 | 66 | 72 | 59 | 54 | 77 | 80 | 72 | 58 | 58 | 68 | 74 | 64 | 80 | 73 | 67 | 67 | 72 | 61 | 69 | 66.7 |
| | MIN | 44 | 49 | 47 | 44 | 49 | 55 | 51 | 49 | 48 | 50 | 55 | 59 | 51 | 53 | 50 | 50 | 53 | 57 | 52 | 51 | 53 | 52 | 48 | 52 | 56 | 64 | 53 | 49 | 53 | 54 | 57 | 51.9 |
| LAMBERTVILLE | MAX | 64 | 62 | 56 | 65 | 74 | 72 | 74 | 71 | 56 | 76 | 82 | 78 | 71 | 73 | 73 | 67 | 78 | 83 | 89 | 72 | 61 | 69 | 73 | 78 | 80 | 75 | 70 | 68 | 72 | 64 | 77 | 71.7 |
| | MIN | 36 | 41 | 45 | 42 | 35 | 55 | 42 | 50 | 47 | 46 | 43 | 49 | 51 | 42 | 38 | 50 | 46 | 44 | 50 | 51 | 53 | 46 | 42 | 37 | 52 | 57 | 43 | 41 | 50 | 52 | 59 | 46.3 |
| LITTLE FALLS | MAX | 58 | 64 | 63 | 57 | 65 | 73 | 60 | 72 | 52 | 54 | 73 | 82 | 72 | 62 | 72 | 65 | 64 | 78 | 84 | 79 | 67 | 59 | 69 | 74 | 74 | 80 | 72 | 68 | 68 | 70 | 62 | 68.1 |
| | MIN | 37 | 45 | 43 | 43 | 40 | 53 | 44 | 50 | 46 | 47 | 45 | 53 | 51 | 43 | 38 | 50 | 48 | 46 | 53 | 53 | 52 | 47 | 44 | 42 | 50 | 55 | 45 | 43 | 45 | 53 | 55 | 47.1 |
| LONG VALLEY | MAX | 54 | 61 | 56 | 57 | 63 | 70 | 60 | 72 | 49 | 53 | 72 | 79 | 71 | 52 | 69 | 66 | 59 | 75 | 81 | 84 | 68 | 58 | 66 | 70 | 69 | 75 | 67 | 65 | 66 | 70 | 60 | 65.7 |
| | MIN | 32 | 38 | 42 | 39 | 36 | 51 | 41 | 48 | 44 | 45 | 41 | 46 | 48 | 40 | 32 | 46 | 42 | 47 | 46 | 46 | 48 | 44 | 38 | 37 | 38 | 48 | 40 | 36 | 38 | 50 | 54 | 42.6 |
| MORRIS PLAINS 1 W | MAX | 56 | 66 | 60 | 56 | 64 | 72 | 60 | 74 | 52 | 53 | 72 | 82 | 74 | 53 | 70 | 62 | 61 | 77 | 85 | 84 | 66 | 58 | 67 | 72 | 69 | 79 | 69 | 66 | 67 | 70 | 61 | 67.0 |
| | MIN | 37 | 41 | 44 | 41 | 31 | 49 | 47 | 48 | 45 | 46 | 44 | 47 | 51 | 43 | 33 | 42 | 44 | 45 | 49 | 49 | 50 | 48 | 43 | 36 | 49 | 50 | 39 | 39 | 40 | 52 | 53 | 44.4 |
| NEWARK WSO | MAX | 64 | 60 | 59 | 66 | 75 | 66 | 72 | 59 | 57 | 74 | 82 | 77 | 67 | 73 | 63 | 58 | 79 | 84 | 77 | 62 | 61 | 72 | 75 | 64 | 84 | 75 | 69 | 69 | 72 | 64 | 74 | 69.5 |
| | MIN | 42 | 48 | 48 | 46 | 43 | 53 | 49 | 49 | 49 | 50 | 51 | 59 | 52 | 47 | 48 | 53 | 52 | 57 | 54 | 53 | 53 | 51 | 51 | 52 | 59 | 59 | 52 | 50 | 54 | 55 | 61 | 51.6 |
| NEWTON | MAX | 55 | 61 | 58 | 55 | 63 | 72 | 59 | 70 | 50 | 54 | 72 | 81 | 74 | 50 | 68 | 70 | 56 | 76 | 83 | 89 | 79 | 58 | 65 | 71 | 74 | 80 | 68 | 66 | 67 | 72 | 60 | 67.0 |
| | MIN | 36 | 41 | 40 | 41 | 35 | 47 | 39 | 48 | 44 | 43 | 40 | 47 | 47 | 38 | 33 | 45 | 44 | 42 | 48 | 49 | 50 | 41 | 35 | 35 | 48 | 48 | 40 | 37 | 39 | 48 | 50 | 42.5 |
| PATERSON | MAX | 60 | 67 | 64 | 63 | 65 | 76 | 65 | 77 | 52 | 57 | 73 | 83 | 76 | 58 | 63 | 63 | 65 | 80 | 85 | 80 | 69 | 60 | 63 | 75 | 71 | 83 | 77 | 67 | 69 | 72 | 63 | 69.1 |
| | MIN | 42 | 46 | 46 | 43 | 42 | 49 | 46 | 51 | 47 | 48 | 47 | 55 | 53 | 45 | 41 | 51 | 51 | 51 | 56 | 52 | 53 | 48 | 49 | 45 | 54 | 59 | 50 | 45 | 48 | 53 | 54 | 49.0 |
| PHILLIPSBURG | MAX | 60 | 64 | 60 | 60 | 56 | 73 | 60 | 76 | 52 | 55 | 76 | 82 | 72 | 54 | 74 | 69 | 60 | 79 | 84 | 89 | 72 | 61 | 68 | 75 | 75 | 78 | 64 | 67 | 68 | 74 | 63 | 68.4 |
| | MIN | 34 | 34 | 43 | 41 | 35 | 44 | 41 | 44 | 48 | 46 | 42 | 48 | 52 | 42 | 36 | 41 | 50 | 45 | 48 | 52 | 51 | 46 | 37 | 39 | 45 | 52 | 42 | 39 | 43 | 47 | 52 | 43.8 |
| PLAINFIELD | MAX | 66 | 65 | 58 | 65 | 74 | 60 | 74 | 72 | 55 | 75 | 84 | 76 | 62 | 74 | 67 | 56 | 80 | 84 | 81 | 62 | 57 | 70 | 76 | 69 | 81 | 73 | 68 | 69 | 72 | 64 | 73 | 69.7 |
| | MIN | 37 | 43 | 48 | 43 | 35 | 56 | 42 | 51 | 47 | 45 | 45 | 50 | 60 | 41 | 37 | 51 | 47 | 46 | 52 | 50 | 51 | 45 | 50 | 40 | 52 | 56 | 43 | 42 | 47 | 50 | 57 | 47.1 |
| SOMERVILLE 3 NW | MAX | 57 | 65 | 62 | 57 | 64 | 73 | 60 | 73 | 50 | 56 | 73 | 80 | 75 | 60 | 72 | 69 | 57 | 76 | 82 | 85 | 67 | 58 | 68 | 73 | 72 | 80 | 71 | 67 | 67 | 72 | 63 | 67.9 |
| | MIN | 33 | 43 | 43 | 42 | 31 | 50 | 41 | 47 | 47 | 46 | 41 | 46 | 55 | 41 | 35 | 43 | 45 | 44 | 50 | 50 | 48 | 43 | 37 | 37 | 43 | 54 | 41 | 39 | 43 | 52 | 54 | 44.0 |
| SUSSEX 1 SE | MAX | 55 | 62 | 57 | 55 | 60 | 69 | 59 | 74 | 54 | 53 | 70 | 79 | 74 | 50 | 67 | 67 | 55 | 75 | 81 | 87 | 77 | 57 | 65 | 65 | 72 | 78 | 65 | 65 | 68 | 72 | 61 | 66.1 |
| | MIN | 32 | 36 | 42 | 41 | 33 | 43 | 34 | 46 | 46 | 43 | 40 | 45 | 48 | 38 | 32 | 38 | 45 | 42 | 45 | 48 | 52 | 43 | 32 | 35 | 40 | 48 | 40 | 40 | 39 | 48 | 52 | 41.5 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | MAX | 62 | 61 | 61 | 62 | 72 | 70 | 67 | 62 | 58 | 68 | 76 | 72 | 68 | 74 | 61 | 55 | 75 | 73 | 82 | 59 | 56 | 66 | 70 | 69 | 75 | 75 | 67 | 63 | 62 | 58 | 67 | 66.6 |
| | MIN | 36 | 44 | 45 | 44 | 44 | 53 | 46 | 50 | 50 | 50 | 45 | 53 | 53 | 48 | 44 | 51 | 51 | 49 | 51 | 51 | 50 | 47 | 41 | 40 | 61 | 56 | 49 | 45 | 49 | 55 | 55 | 48.6 |
| AUDUBON | MAX | 67 | 66 | 56 | 65 | 75 | 65 | 75 | 60 | 60 | 75 | 83 | 73 | 74 | 76 | 71 | 58 | 79 | 84 | 90 | 79 | 59 | 69 | 75 | 80 | 79 | 75 | 71 | 70 | 72 | 61 | 76 | 71.5 |
| | MIN | 43 | 46 | 48 | 46 | 45 | 53 | 47 | 49 | 48 | 50 | 46 | 52 | 52 | 47 | 43 | 51 | 50 | 48 | 54 | 51 | 55 | 50 | 48 | 44 | 60 | 57 | 51 | 50 | 54 | 53 | 59 | 50.0 |
| BELLEPLAIN ST FOREST | MAX | 68 | 67 | 62 | 64 | 75 | 75 | 73 | 71 | 67 | 72 | | 81 | 72 | 78 | 78 | 60 | 80 | 80 | 88 | 76 | 64 | 70 | 75 | 78 | 75 | 80 | 80 | 69 | 69 | 60 | 67 | 72.5 |
| | MIN | 32 | 43 | 47 | 40 | 40 | 54 | 46 | 49 | 48 | 44 | 40 | 49 | 62 | 45 | 42 | 50 | 47 | 42 | 47 | 51 | 50 | 51 | 40 | 41 | 64 | 51 | 47 | 45 | 45 | 52 | 55 | 47.1 |
| BURLINGTON | MAX | 67 | 63 | 61 | 64 | 67 | 72 | 76 | 74 | 64 | 75 | 81 | 81 | 72 | 81 | 78 | 62 | 80 | 78 | 91 | 80 | 70 | 68 | 76 | 77 | 85 | 80 | 72 | 74 | 70 | 68 | 80 | 73.8 |
| | MIN | 43 | 47 | 47 | 46 | 39 | 52 | 48 | 49 | 55 | 47 | 48 | 47 | 50 | 47 | 44 | 50 | 49 | 49 | 58 | 40 | 51 | 54 | 43 | 50 | 63 | 56 | 52 | 47 | 52 | 50 | 60 | 49.5 |
| CHATSWORTH | MAX | 67 | 65 | 62 | 64 | 75 | 74 | 73 | 68 | 59 | 74 | 83 | 77 | 72 | 76 | 76 | 61 | 78 | 83 | 91 | 77 | 68 | 70 | 75 | 75 | 80 | 78 | 75 | 70 | 68 | 61 | 68 | 72.4 |
| | MIN | 35 | 40 | 47 | 45 | 32 | 54 | 44 | 49 | 43 | 47 | 40 | 47 | 60 | 45 | 37 | 50 | 47 | 45 | 47 | 50 | 50 | 45 | 39 | 38 | 57 | 46 | 44 | 45 | 53 | 50 | 56 | 46.0 |
| FREEHOLD | MAX | 52 | 66 | 66 | 58 | 62 | 72 | 62 | 69 | 52 | 54 | 69 | 79 | 75 | 72 | 72 | 66 | 58 | 76 | 80 | 85 | 63 | 68 | 69 | 72 | 68 | 81 | 74 | 67 | 71 | 67 | 59 | 67.9 |
| | MIN | 45 | 44 | 46 | 42 | 42 | 42 | 46 | 47 | 46 | 46 | 42 | 52 | 61 | 44 | 38 | 49 | 48 | 49 | 51 | 48 | 49 | 46 | 40 | 40 | 51 | 55 | 46 | 45 | 53 | 52 | 54 | 47.1 |
| GLASSBORO | MAX | 60 | 63 | 64 | 56 | 64 | 74 | 66 | 73 | 55 | 54 | 72 | 80 | 72 | 73 | 73 | 68 | 58 | 77 | 83 | 88 | 73 | 64 | 67 | 73 | 76 | 78 | 75 | 68 | 66 | 69 | 60 | 69.1 |
| | MIN | 42 | 40 | 45 | 44 | 46 | 46 | 47 | 48 | 49 | 47 | 45 | 55 | 63 | 47 | 41 | 49 | 50 | 46 | 54 | 50 | 52 | 50 | 44 | 45 | 61 | 57 | 51 | 50 | 53 | 55 | 56 | 49.3 |
| HAMMONTON 2 NNE | MAX | 63 | 69 | 67 | 62 | 67 | 77 | 75 | 74 | 59 | 60 | 74 | 82 | 75 | 71 | 76 | 67 | 57 | 77 | 83 | 91 | 69 | 68 | 69 | 75 | 77 | 79 | 78 | 70 | 70 | 69 | 60 | 71.3 |
| | MIN | 38 | 43 | 46 | 41 | 42 | 52 | 48 | 45 | 47 | 47 | 42 | 53 | 60 | 44 | 41 | 48 | 48 | 49 | 52 | 48 | 48 | 45 | 42 | 43 | 45 | 54 | 49 | 46 | 51 | 48 | 54 | 47.1 |
| HIGHTSTOWN 1 N | MAX | 65 | 65 | 58 | 63 | 73 | 69 | 73 | 62 | 56 | 72 | 81 | 74 | 71 | 72 | 68 | 57 | 76 | 82 | 86 | 77 | 56 | 68 | 73 | 73 | 81 | 73 | 68 | 70 | 68 | 59 | 71 | 69.7 |
| | MIN | 37 | 44 | 46 | 43 | 41 | 56 | 43 | 48 | 47 | 46 | 44 | 51 | 51 | 44 | 39 | 50 | 46 | 46 | 52 | 49 | 50 | 46 | 41 | 40 | 54 | 56 | 46 | 42 | 53 | 52 | 58 | 47.1 |
| INDIAN MILLS 2 W | MAX | 65 | 67 | 57 | 63 | 74 | 69 | 73 | 60 | 57 | 73 | 82 | 75 | 71 | 74 | 67 | 57 | 77 | 83 | 92 | 73 | 58 | 68 | 73 | 74 | 79 | 75 | 69 | 69 | 70 | 59 | 70 | 70.1 |
| | MIN | 33 | 41 | 45 | 45 | 40 | 53 | 41 | 49 | 47 | 48 | 38 | 50 | 53 | 42 | 36 | 50 | 47 | 43 | 47 | 50 | 50 | 46 | 37 | 38 | 63 | 54 | 45 | 42 | 49 | 51 | 56 | 46.1 |
| MILLVILLE FAA AIRPORT | MAX | 64 | 62 | 56 | 63 | 73 | 69 | 70 | 66 | 59 | 71 | 81 | 73 | 70 | 76 | 65 | 56 | 76 | 81 | 87 | 70 | 57 | 66 | 72 | 78 | 77 | 76 | 68 | 64 | 69 | 60 | 72 | 69.3 |
| | MIN | 36 | 45 | 44 | 44 | 42 | 55 | 48 | 50 | 49 | 49 | 44 | 55 | 53 | 47 | 48 | 51 | 49 | 47 | 50 | 52 | 52 | 50 | 44 | 42 | 62 | 56 | 51 | 47 | 53 | 53 | 56 | 49.2 |
| MOORESTOWN | MAX | 58 | 67 | 65 | 58 | 63 | 73 | 62 | 74 | 55 | 58 | 74 | 80 | 72 | 72 | 73 | 67 | 56 | 77 | 82 | 89 | 74 | 58 | 68 | 73 | 76 | 78 | 74 | 69 | 68 | 70 | 61 | 69.2 |
| | MIN | 41 | 43 | 47 | 46 | 41 | 53 | 45 | 50 | 48 | 49 | 43 | 48 | 62 | 45 | 39 | 50 | 47 | 45 | 52 | 50 | 52 | 47 | 43 | 40 | 56 | 56 | 45 | 44 | 53 | 53 | 56 | 48.0 |
| NEW BRUNSWICK | MAX | 58 | 65 | 64 | 58 | 63 | 73 | 59 | 72 | 50 | 56 | 72 | 80 | 74 | 65 | 72 | 67 | 56 | 77 | 80 | 79 | 61 | 57 | 69 | 72 | 70 | 79 | 71 | 67 | 67 | 68 | 60 | 67.1 |
| | MIN | 40 | 44 | 46 | 43 | 44 | 51 | 47 | 48 | 47 | 46 | 44 | 52 | 58 | 44 | 42 | 50 | 48 | 51 | 54 | 49 | 50 | 47 | 49 | 43 | 53 | 58 | 47 | 44 | 50 | 52 | 53 | 48.2 |
| PEMBERTON 3 E | MAX | 67 | 66 | 60 | 63 | 74 | 72 | 73 | 69 | 58 | 73 | 83 | 78 | 72 | 75 | 73 | 59 | 77 | 82 | 90 | 77 | 66 | 71 | 74 | 73 | 79 | 74 | 69 | 68 | 67 | 66 | 68 | 71.5 |
| | MIN | 35 | 43 | 46 | 43 | 36 | 50 | 42 | 49 | 48 | 48 | 39 | 50 | 60 | 43 | 37 | 49 | 46 | 40 | 49 | 49 | 50 | 46 | 36 | 38 | 60 | 55 | 45 | 43 | 52 | 52 | 56 | 46.3 |
| SEABROOK FARMS | MAX | 61 | 67 | 66 | 57 | 64 | 75 | 68 | 71 | 61 | 59 | 72 | 80 | 72 | 70 | 73 | 67 | 57 | 75 | 82 | 87 | 74 | 57 | 66 | 72 | 77 | 78 | 75 | 69 | 66 | 69 | 60 | 69.3 |
| | MIN | 37 | 46 | 48 | 43 | 45 | 54 | 47 | 50 | 50 | 47 | 45 | 55 | 61 | 46 | 47 | 51 | 50 | 47 | 52 | 51 | 52 | 50 | 44 | 45 | 60 | 57 | 50 | 49 | 52 | 52 | 55 | 49.6 |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SHILOH | MAX | 65 | 65 | 63 | 62 | 73 | 73 | 69 | 67 | 59 | 71 | 79 | 77 | 71 | 74 | 73 | 61 | 75 | 80 | 84 | 84 | 67 | 68 | 71 | 75 | 77 | 75 | 74 | 68 | 68 | 62 | 73 | 71.1 |
| | MIN | 41 | 44 | 47 | 43 | 45 | 55 | 48 | 48 | 49 | 47 | 45 | 57 | 61 | 46 | 46 | 50 | 50 | 51 | 52 | 51 | 52 | 48 | 50 | 47 | 64 | 58 | 50 | 49 | 51 | 51 | 57 | 50.1 |
| TOMS RIVER | MAX | 60 | 63 | 65 | 59 | 63 | 74 | 62 | 67 | 53 | 57 | 60 | 77 | 77 | 73 | 72 | 62 | 55 | 78 | 78 | 81 | 60 | 57 | 70 | 75 | 65 | 81 | 77 | 69 | 65 | 65 | 59 | 67.1 |
| | MIN | 36 | 42 | 48 | 43 | 38 | 55 | 45 | 50 | 48 | 47 | 42 | 48 | 62 | 46 | 39 | 51 | 49 | 46 | 50 | 50 | 50 | 46 | 40 | 40 | 57 | 57 | 47 | 46 | 55 | 53 | 55 | 47.8 |
| TRENTON WSO | MAX | 63 | 63 | 56 | 62 | 71 | 60 | 70 | 57 | 55 | 71 | 80 | 70 | 69 | 72 | 67 | 57 | 76 | 81 | 89 | 68 | 57 | 66 | 72 | 75 | 78 | 72 | 66 | 65 | 67 | 59 | 70 | 67.9 |
| | MIN | 43 | 49 | 47 | 44 | 47 | 52 | 50 | 48 | 48 | 49 | 51 | 57 | 51 | 48 | 48 | 51 | 53 | 57 | 53 | 50 | 53 | 52 | 47 | 50 | 58 | 58 | 52 | 49 | 55 | 51 | 59 | 51.0 |
| TUCKERTON | MAX | 60 | 62 | 61 | 64 | 74 | 67 | 66 | 60 | 58 | 68 | 72 | 69 | 65 | 77 | 73 | 55 | 77 | 74 | 80 | 78 | 57 | 69 | 74 | 71 | 71 | 78 | 72 | 62 | 63 | 57 | 66 | 67.7 |
| | MIN | 38 | 44 | 48 | 43 | 42 | 52 | 46 | 49 | 40 | 48 | 40 | 51 | 58 | 46 | 40 | 50 | 49 | 49 | 49 | 50 | 51 | 48 | 40 | 41 | 60 | 56 | 46 | 45 | 49 | 53 | 54 | 47.6 |
| WOODSTOWN | MAX | 67 | 66 | 58 | 65 | 75 | 74 | 74 | 72 | 59 | | 82 | 79 | 74 | 75 | 67 | 63 | 78 | 82 | 88 | 82 | 70 | 69 | 74 | 78 | 78 | 76 | 75 | 70 | 71 | 64 | 74 | 72.6 |
| | MIN | 35 | 40 | 46 | 42 | 40 | 53 | 44 | 48 | 49 | | 42 | 53 | 56 | 42 | 43 | 49 | 49 | 44 | 50 | 50 | 52 | 47 | 40 | 43 | 64 | 56 | 48 | 49 | 48 | 53 | 56 | 47.7 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 58 | 57 | 59 | 61 | 67 | 67 | 61 | 59 | 57 | 65 | 69 | 61 | 61 | 74 | 56 | 54 | 75 | 70 | 70 | 54 | 55 | 66 | 70 | 62 | 64 | 76 | 63 | 60 | 59 | 56 | 64 | 62.9 |
| | MIN | 43 | 50 | 45 | 45 | 50 | 53 | 50 | 51 | 49 | 50 | 52 | 56 | 52 | 48 | 52 | 51 | 51 | 52 | 50 | 49 | 50 | 50 | 47 | 52 | 58 | 58 | 53 | 52 | 52 | 53 | 53 | 50.9 |
| CAPE MAY 1 NW | MAX | 60 | 63 | 59 | 58 | 62 | 73 | 75 | 65 | 65 | 60 | 68 | 77 | 68 | 62 | 71 | 59 | 57 | 73 | 72 | 76 | 57 | 58 | | | 67 | 67 | 77 | 67 | 60 | 61 | 61 | 65.4 |
| | MIN | 43 | 47 | 50 | 45 | 46 | 54 | 52 | 50 | 52 | 45 | 51 | 52 | 57 | 52 | 53 | 53 | 50 | 53 | 54 | 51 | 50 | 50 | | | 59 | 59 | 52 | 52 | 52 | 52 | 55 | 51.4 |
| LONG BRANCH 2 S | MAX | 62 | 59 | 59 | 62 | 72 | 71 | 66 | 59 | 54 | 66 | 76 | 74 | 68 | 73 | 70 | 54 | 78 | 77 | 71 | 55 | 56 | 70 | 72 | 70 | 82 | 74 | 70 | 65 | 63 | 57 | 65 | 66.8 |
| | MIN | 39 | 45 | 47 | 44 | 41 | 55 | 46 | 49 | 47 | 47 | 45 | 52 | 55 | 44 | 43 | 50 | 48 | 49 | 53 | 49 | 49 | 48 | 44 | 43 | 57 | 57 | 49 | 49 | 54 | 53 | 55 | 48.6 |
| SANDY HOOK | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 64 | 63 | 60 | 63 | 67 | 60 | 71 | 57 | 58 | 69 | 75 | 66 | 63 | 72 | 71 | 59 | 71 | 80 | 78 | 72 | 62 | 73 | 76 | 75 | 75 | 75 | 73 | 75 | 76 | 63 | 73 | 68.9 |
| | | MIN | 46 | 51 | 51 | 50 | 48 | 53 | 52 | 54 | 53 | 53 | 54 | 59 | 57 | 54 | 54 | 55 | 55 | 57 | 61 | 62 | 58 | 56 | 54 | 56 | 60 | 62 | 59 | 57 | 61 | 61 | 62 | 55.6 |
| | 2 | MAX | 60 | 59 | 58 | 59 | 62 | 59 | 66 | 57 | 57 | 65 | 70 | 64 | 63 | 68 | 68 | 60 | 68 | 75 | 75 | 71 | 63 | 68 | 72 | 73 | 72 | 72 | 70 | 71 | 73 | 63 | 70 | 66.2 |
| | | MIN | 47 | 52 | 52 | 51 | 49 | 54 | 53 | 54 | 53 | 53 | 55 | 59 | 57 | 55 | 55 | 56 | 56 | 58 | 62 | 62 | 58 | 57 | 56 | 58 | 61 | 63 | 60 | 58 | 61 | 62 | 62 | 56.4 |
| | 4 | MAX | 58 | 58 | 56 | 58 | 60 | 58 | 64 | 58 | 57 | 62 | 68 | 63 | 62 | 66 | 66 | 60 | 66 | 72 | 71 | 68 | 63 | 65 | 70 | 69 | 69 | 69 | 67 | 69 | 70 | 63 | 68 | 64.3 |
| | | MIN | 48 | 53 | 52 | 51 | 50 | 55 | 53 | 54 | 54 | 54 | 55 | 59 | 58 | 56 | 56 | 57 | 56 | 58 | 62 | 62 | 59 | 58 | 57 | 58 | 61 | 64 | 61 | 59 | 61 | 62 | 62 | 56.9 |
| | 8 | MAX | 55 | 55 | 55 | 55 | 56 | 56 | 59 | 58 | 56 | 58 | 61 | 60 | 60 | 61 | 61 | 60 | 62 | 65 | 66 | 65 | 63 | 62 | 65 | 64 | 65 | 65 | 64 | 65 | 65 | 63 | 65 | 61.0 |
| | | MIN | 49 | 53 | 53 | 52 | 51 | 55 | 53 | 54 | 54 | 54 | 56 | 59 | 58 | 57 | 57 | 57 | 56 | 58 | 62 | 62 | 60 | 59 | 59 | 59 | 61 | 64 | 61 | 60 | 61 | 62 | 62 | 57.4 |
| | 20 | MAX | 51 | 52 | 52 | 52 | 53 | 53 | 54 | 54 | 54 | 54 | 55 | 56 | 57 | 57 | 57 | 57 | 57 | 59 | 60 | 60 | 60 | 59 | 60 | 60 | 60 | 60 | 61 | 61 | 61 | 61 | 61 | 57.0 |
| | | MIN | 49 | 51 | 52 | 52 | 51 | 52 | 53 | 54 | 54 | 54 | 54 | 55 | 56 | 56 | 57 | 57 | 57 | 57 | 59 | 60 | 59 | 59 | 59 | 59 | 59 | 60 | 60 | 60 | 60 | 61 | 60 | 56.3 |
| | 40 | MAX | 50 | 50 | 51 | 51 | 51 | 51 | 52 | 52 | 52 | 52 | 52 | 53 | 53 | 54 | 54 | 54 | 55 | 55 | 56 | 56 | 56 | 57 | 58 | 57 | 57 | 57 | 58 | 58 | 58 | 58 | 58 | 54.4 |
| | | MIN | 48 | 50 | 50 | 50 | 50 | 51 | 51 | 51 | 52 | 52 | 52 | 52 | 53 | 53 | 54 | 54 | 54 | 55 | 55 | 56 | 56 | 56 | 56 | 56 | 56 | 57 | 57 | 57 | 57 | 58 | 58 | 53.8 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 71 | 70 | 61 | 66 | 76 | 62 | 79 | 55 | 60 | 76 | 85 | 72 | 65 | 76 | 74 | 58 | 75 | 86 | 83 | 75 | 60 | 76 | 77 | 78 | 81 | 78 | 78 | 80 | 82 | 63 | 79 | 72.8 |
| | | MIN | 41 | 48 | 47 | 46 | 42 | 51 | 49 | 52 | 52 | 51 | 51 | 55 | 53 | 51 | 48 | 53 | 54 | 53 | 58 | 58 | 55 | 50 | 47 | 50 | 57 | 57 | 53 | 52 | 58 | 58 | 61 | 52.0 |
| | 2 | MAX | 68 | 66 | 61 | 64 | 73 | 62 | 76 | 56 | 60 | 74 | 82 | 70 | 65 | 74 | 72 | 58 | 74 | 84 | 80 | 74 | 60 | 74 | 76 | 77 | 79 | 76 | 76 | 77 | 79 | 63 | 77 | 71.2 |
| | | MIN | 42 | 49 | 47 | 46 | 43 | 51 | 49 | 52 | 52 | 51 | 50 | 56 | 54 | 51 | 48 | 53 | 54 | 53 | 58 | 59 | 55 | 50 | 48 | 50 | 57 | 58 | 54 | 52 | 58 | 59 | 61 | 52.3 |
| | 4 | MAX | 61 | 60 | 57 | 60 | 66 | 60 | 68 | 58 | 58 | 67 | 73 | 65 | 62 | 68 | 67 | 58 | 68 | 76 | 73 | 69 | 61 | 66 | 70 | 69 | 72 | 71 | 68 | 70 | 72 | 63 | 71 | 66.0 |
| | | MIN | 45 | 51 | 50 | 49 | 46 | 54 | 51 | 53 | 53 | 52 | 53 | 58 | 57 | 54 | 52 | 55 | 54 | 56 | 60 | 60 | 57 | 55 | 52 | 54 | 58 | 61 | 57 | 54 | 60 | 60 | 61 | 54.6 |
| | 8 | MAX | 56 | 56 | 55 | 55 | 59 | 58 | 61 | 58 | 56 | 60 | 65 | 62 | 61 | 63 | 61 | 58 | 63 | 68 | 67 | 65 | 62 | 62 | 64 | 63 | 66 | 66 | 64 | 65 | 66 | 62 | 66 | 61.7 |
| | | MIN | 48 | 52 | 52 | 51 | 50 | 55 | 53 | 54 | 53 | 53 | 55 | 59 | 58 | 56 | 56 | 57 | 56 | 58 | 62 | 62 | 59 | 57 | 55 | 56 | 59 | 63 | 60 | 59 | 61 | 61 | 61 | 56.5 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# EVAPORATION AND WIND

NEW JERSEY
MAY 1971

| Station | | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * NURTHERN | 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | | EVAP | .01 | .10 | .02 | .03 | .24 | .22 | .00 | .18 | .21 | .01 | .04 | .26 | .04 | .20 | .24 | - | - | .10 | .12 | .29 | .12 | * | .11 | .24 | .14 | .15 | .21 | .17 | .14 | .19 | .02 | 4.068 |
| | | WIND | 30 | 24 | 5 | 43 | 60 | 70 | 27 | 38 | 57 | 23 | 45 | 35 | 78 | 18 | 31 | 33 | 35 | 30 | 17 | 48 | 28 | 3 | 25 | 34 | 29 | 89 | 45 | 32 | 20 | 47 | 48 | 1147 |
| | | MAX | 57 | 59 | 65 | 59 | 66 | 73 | 61 | 74 | 52 | 55 | 73 | 82 | 72 | 60 | 78 | 69 | 68 | 80 | 87 | 82 | 73 | 58 | 72 | 79 | 75 | 80 | 81 | 74 | 76 | 78 | 74 | 70.7 |
| | | MIN | 42 | 43 | 43 | 45 | 43 | 44 | 48 | 49 | 49 | 49 | 50 | 53 | 48 | 49 | 49 | 40 | 49 | 52 | 57 | 57 | 56 | 51 | 49 | 49 | 51 | 58 | 53 | 50 | 51 | 54 | 52 | 49.5 |
| * * * SOUTHERN | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | | EVAP | .05 | .16 | .05 | .23 | .15 | .41 | .02 | .15 | .13 | .00 | .18 | .25 | .16 | .05 | .19 | .23 | .08 | .30 | .29 | .23 | .12 | .01 | .23 | .29 | .18 | .20 | .35 | .17 | .06 | .24 | .00 | 5.16 |
| | | WIND | 50 | 51 | 36 | 106 | 143 | 125 | 41 | 69 | 59 | 43 | 53 | 48 | 107 | 58 | 75 | 45 | 56 | 69 | 46 | 75 | 59 | 28 | 72 | 63 | 55 | 136 | 114 | 59 | 31 | 102 | 70 | 2144 |
| | | MAX | 60 | 67 | 63 | 59 | 65 | 74 | 59 | 78 | 52 | 57 | 77 | 81 | 69 | 63 | 77 | 71 | 59 | 79 | 86 | 81 | 72 | 56 | 74 | 78 | 78 | 81 | 74 | 74 | 76 | 77 | 59 | 70.2 |
| | | MIN | 42 | 44 | 46 | 43 | 41 | 43 | 47 | 48 | 48 | 48 | 48 | 53 | 55 | 47 | 53 | 48 | 49 | 51 | 55 | 53 | 53 | 49 | 45 | 47 | 47 | 58 | 51 | 50 | 51 | 53 | 54 | 49.0 |
| PEMBERTON 3 E | | EVAP | .08 | .12 | .04 | .13 | .15 | .08 | .09 | .06 | .04 | .08 | .11 | .18 | .09 | .09 | .19 | - | .07 | .17 | .20 | .23 | .07 | .07 | .17 | .16 | .17 | .20 | .09 | .14 | .16 | .03 | .02 | 3.608 |
| | | WIND | 14 | 34 | 14 | 47 | 30 | 21 | 18 | 37 | 12 | 21 | 27 | 42 | 74 | 30 | 33 | 41 | 17 | 14 | 16 | 53 | 14 | 8 | 14 | 18 | 59 | 36 | 10 | 12 | 50 | 70 | 34 | 920 |
| SEABROOK FARMS | | EVAP | - | - | - | - | - | - | .07 | .23 | .03 | .05 | .19 | .28 | .09 | .16 | .24 | - | .14 | .19 | .20 | .35 | .22 | .02 | * | .41 | .23 | .23 | .28 | .15 | .13 | .21 | .10 | 5.438 |
| | | MAX | - | - | - | - | - | - | 72 | 76 | 61 | 58 | 76 | 85 | 67 | 73 | 80 | 69 | 56 | 78 | 88 | 91 | 83 | 58 | - | 80 | 80 | 80 | 83 | 73 | 69 | 69 | 61 | 73.6 |
| | | MIN | - | - | - | - | - | - | 53 | 51 | 50 | 49 | 49 | 53 | 56 | 50 | 51 | 51 | 50 | 51 | 56 | 54 | 53 | 51 | - | 49 | 53 | 59 | 55 | 54 | 53 | 52 | 54 | 52.4 |

See Reference Notes Following Station Index

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WSO | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| *ATLANTIC CITY R | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | M | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT N. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON 2 N | 1754 | 01 | HUNTERDON | 10 | 40 40 | 74 55 | 350 | | | | C | NJ BUREAU OF WTR SUPPLY |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A | | | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C M | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | M | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A | | | INACTIVE 9/1/70 |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C M | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | M | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | M | MRS. ALICE A. MOLZ |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | 8A | 8A | | H | US DEPT OF AGRICULTURE |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| MOUNT HOLLY | 5866 | 02 | BURLINGTON | 2 | 39 59 | 74 48 | 10 | | | | C | J. WESLEY GOODFELLOW |
| NEWARK WSO R | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. & SWR.COMN. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | M | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | M | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | M | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | M | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C M | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A | | M | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| *TRENTON WSO R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT N. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER & LIGHT CO. |
| WINDSOR | 9761 | 02 | MERCER | 2 | 40 15 | 74 35 | 88 | | | | C | JACOBUS J. NOOIMAN |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN 11-ROCKAWAY

# REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 1:00 p.m., e.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| - | No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.<br>No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry. |
| + | And also on an earlier date or dates. |
| ++ | Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data. |
| * | Amount included in following measurement, time distribution unknown. |
| // | Gage is equipped with a windshield. |
| B | Adjusted to a full month. |
| D | Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall. |
| M | One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month. |
| R | Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.) |
| T | Trace, an amount too small to measure. |
| V | Includes total for previous month. |

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| AR | This entry in time of observation column in Station Index means after rain. |
| C | Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin. |
| G | "Soil Temperature" table. |
| H | "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month. |
| J | "Supplemental Data" table. |
| S | Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin. |
| SS | This entry in time of observation column in Station Index means observation made near sunset. |
| VAR | This entry in time of observation column in Station Index means variable. |
| # | Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building. |

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

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USCOMM-NOAA-ASHEVILLE-6/25/71-920

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# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
JUNE 1971
Volume 76 No. 6

THE LIBRARY OF THE
SEP 14 1971
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | | Temperature: Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | No. of Days: Max. 90° or Above | Max. 32° or Below | Min. 32° or Below | Min. 0° or Below | Precipitation: Total | Departure From Normal | Greatest Day | Date | Snow, Sleet: Total | Max. Depth on Ground | Date | No. of Days: .10 or More | .50 or More | 1.00 or More |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | | 79.8 | 57.8 | 68.8 | - 1.8 | 88 | 25 | 47 | 2 | 29 | 0 | 0 | 0 | 0 | 2.41 | - 2.03 | 1.07 | 3 | .0 | 0 | | 4 | 2 | 1 |
| BOONTON 1 SE | | 80.4 | 57.2 | 68.8 | .9 | 90 | 25 | 46 | 2 | 29 | 1 | 0 | 0 | 0 | 1.03 | - 2.86 | .40 | 16 | .0 | 0 | | 4 | 0 | 0 |
| CANOE BROOK | | 81.2 | 56.6 | 68.9 | .9 | 92 | 26+ | 47 | 17+ | 34 | 3 | 0 | 0 | 0 | .96 | - 3.07 | .26 | 16 | .0 | 0 | | 4 | 0 | 0 |
| CHARLOTTEBURG | | 77.8 | 55.6 | 66.7 | .2 | 87 | 8 | 45 | 2 | 36 | 0 | 0 | 0 | 0 | 2.93 | - 1.31 | 1.28 | 3 | .0 | 0 | | 8 | 1 | 1 |
| CRANFORD | | 84.0 | 59.8 | 71.9 | | 92 | 30+ | 47 | 2 | 14 | 5 | 0 | 0 | 0 | 1.65 | | .93 | 21 | .0 | 0 | | 4 | 1 | 0 |
| ESSEX FELLS SERV BLDG | | 80.7 | 55.6 | 68.2 | | 92 | 26 | 48 | 1 | 28 | 3 | 0 | 0 | 0 | 1.15 | | .39 | 16 | .0 | 0 | | 4 | 0 | 0 |
| FLEMINGTON 1 NE | | 82.0 | 56.2 | 69.1 | - 1.5 | 92 | 26 | 45 | 1 | 31 | 4 | 0 | 0 | 0 | 1.69 | - 2.11 | .41 | 13 | .0 | 0 | | 5 | 0 | 0 |
| HIGH POINT PARK | | 75.6 | 56.3 | 66.0 | | 85 | 9+ | 46 | 1 | 51 | 0 | 0 | 0 | 0 | 1.55 | | .45 | 15 | .0 | 0 | | 6 | 0 | 0 |
| JERSEY CITY | | 79.0 | 63.4 | 71.2 | 1.1 | 90 | 30+ | 50 | 1 | 18 | 3 | 0 | 0 | 0 | .30 | - 3.15 | .22 | 15 | .0 | 0 | | 1 | 0 | 0 |
| LAMBERTVILLE | | 84.7 | 59.7 | 72.2 | 2.1 | 92 | 25 | 46 | 1 | 9 | 6 | 0 | 0 | 0 | 1.64 | - 2.20 | .40 | 7 | .0 | 0 | | 6 | 0 | 0 |
| LITTLE FALLS | | 81.9 | 59.9 | 70.9 | 1.2 | 92 | 26+ | 49 | 2+ | 24 | 5 | 0 | 0 | 0 | 1.24 | - 3.01 | .45 | 14 | .0 | 0 | | 4 | 0 | 0 |
| LONG VALLEY | | 78.5 | 56.5 | 67.5 | | 87 | 25+ | 44 | 1 | 40 | 0 | 0 | 0 | 0 | 1.74 | - 2.39 | .63 | 16 | .0 | 0 | | 5 | 2 | 0 |
| MORRIS PLAINS 1 W | | 80.9 | 56.2 | 68.6 | | 92 | 26 | 44 | 2 | 34 | 4 | 0 | 0 | 0 | 1.30 | | .45 | 16 | .0 | 0 | | 5 | 0 | 0 |
| NEWARK WSO | R | 83.2 | 66.3 | 74.8 | 3.5 | 94 | 7 | 55 | 2 | 7 | 6 | 0 | 0 | 0 | 1.48 | - 1.96 | .72 | 14 | .0 | 0 | | 4 | 1 | 0 |
| NEWTON | | 80.5 | 55.6 | 68.1 | .7 | 91 | 8 | 44 | 1 | 36 | 2 | 0 | 0 | 0 | 2.11 | - 2.19 | .62 | 3 | .0 | 0 | | 6 | 1 | 0 |
| PATERSON | | 83.7M | 60.6 | 72.2M | 1.5 | | | 50 | 2+ | 16 | | 0 | 0 | 0 | .66 | - 3.55 | .38 | 15 | .0 | 0 | | 2 | 0 | 0 |
| PHILLIPSBURG | | 82.3 | 57.6 | 70.0 | .0 | 90 | 28+ | 46 | 1 | 22 | 3 | 0 | 0 | 0 | 3.00 | - 1.26 | 1.82 | 15 | .0 | 0 | | 5 | 2 | 1 |
| PLAINFIELD | | 83.3 | 59.9 | 71.6 | 1.7 | 93 | 7 | 50 | 2+ | 12 | 7 | 0 | 0 | 0 | .75 | - 3.58 | .24 | 15 | .0 | 0 | | 2 | 0 | 0 |
| SOMERVILLE 3 NW | | 81.1 | 57.2 | 69.2 | - .6 | 90 | 26+ | 48 | 1 | 29 | 2 | 0 | 0 | 0 | 1.44 | - 2.44 | .38 | 22 | .0 | 0 | | 5 | 0 | 0 |
| SUSSEX 1 SE | | 79.1 | 54.8 | 67.0 | - 1.5 | 89 | 25 | 42 | 1 | 43 | 0 | 0 | 0 | 0 | 2.25 | - 1.84 | .32 | 16+ | .0 | 0 | | 8 | 0 | 0 |
| DIVISION | | | | 69.6 | .4 | | | | | | | | | | 1.56 | - 2.45 | | | .0 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | | 78.9 | 60.4 | 69.7 | - .3 | 91 | 8 | 47 | 18+ | 29 | 3 | 0 | 0 | 0 | .69 | - 2.14 | .50 | 8 | .0 | 0 | | 1 | 1 | 0 |
| AUDUBON | | 84.9 | 62.5 | 73.7 | | 93 | 25 | 52 | 18+ | 2 | 8 | 0 | 0 | 0 | 1.04 | | .40 | 3 | .0 | 0 | | 4 | 0 | 0 |
| BELLEPLAIN ST FOREST | | 83.6M | 60.1M | 71.9M | | 90 | 30+ | | | 13 | 5 | 0 | 0 | 0 | .88 | - 2.51 | .39 | 22 | .0 | 0 | | 3 | 0 | 0 |
| BURLINGTON | | 85.6 | 62.5M | 74.1M | 1.3 | 94 | 8+ | 49 | 17 | 2 | 9 | 0 | 0 | 0 | 1.86 | - 1.79 | .53 | 6 | .0 | 0 | | 6 | 1 | 0 |
| CHATSWORTH | | 84.4M | 59.1 | 71.8M | | 94 | 7 | 46 | 18 | 9 | 8 | 0 | 0 | 0 | .44 | | .23 | 14 | .0 | 0 | | 2 | 0 | 0 |
| FREEHOLD | | | | | | | | | | | | | | | | | | | | | | | | |
| GLASSBORO | | 83.1 | 61.5 | 72.3 | | 92 | 27+ | 50 | 18 | 10 | 5 | 0 | 0 | 0 | .91 | | .27 | 16 | .0 | 0 | | | 0 | 0 |
| HAMMONTON 2 NNE | | 83.0 | 58.5 | 70.8 | - .8 | 93 | 26 | 48 | 18+ | 24 | 7 | 0 | 0 | 0 | 1.68 | - 2.27 | .60 | 14 | .0 | 0 | | 5 | 1 | 0 |
| HIGHTSTOWN 1 N | | 83.0 | 59.7 | 71.4 | 1.5 | 92 | 25+ | 49 | 1 | 18 | 7 | 0 | 0 | 0 | .83 | - 3.00 | .18 | 16 | .0 | 0 | | 4 | 0 | 0 |
| INDIAN MILLS 2 W | | 83.6 | 59.4 | 71.5 | 1.3 | 92 | 7 | 45 | 18 | 11 | 6 | 0 | 0 | 0 | 1.01 | - 2.89 | .61 | 14 | .0 | 0 | | 2 | 1 | 0 |
| MILLVILLE FAA AIRPORT | | 81.9 | 62.9 | 72.4 | | 91 | 7 | 50 | 18 | 5 | 3 | 0 | 0 | 0 | 1.08 | | .48 | 21 | .0 | 0 | | 3 | 0 | 0 |
| MOORESTOWN | | 82.4 | 61.5 | 72.0 | 1.8 | 92 | 27 | 49 | 18+ | 14 | 5 | 0 | 0 | 0 | 1.57 | - 1.99 | | | .0 | 0 | | | | 0 |
| NEW BRUNSWICK | | 80.6 | 60.5 | 70.6 | .5 | 90 | 26+ | 50 | 2 | 26 | 2 | 0 | 0 | 0 | .88 | - 2.75 | .22 | 1 | .0 | 0 | | 4 | 0 | 0 |
| PEMBERTON 3 E | | 83.5 | 59.3 | 71.4 | .4 | 93 | 26 | 46 | 18 | 14 | 7 | 0 | 0 | 0 | 2.23 | - 1.47 | .99 | 14 | .0 | 0 | | 4 | 2 | 0 |
| SEABROOK FARMS | | 82.2 | 62.0 | 72.1 | | 90 | 27+ | 50 | 17+ | 10 | 2 | 0 | 0 | 0 | 1.77 | | .46 | 4 | .0 | 0 | | 8 | 0 | 0 |
| SHILOH | | 82.0 | 62.0 | 72.0 | .3 | 89 | 26+ | 51 | 17+ | 9 | 0 | 0 | 0 | 0 | .82 | - 2.59 | .30 | 3 | .0 | 0 | | 4 | 0 | 0 |
| TOMS RIVER | | 79.0 | 60.1 | 69.6 | | 93 | 9+ | 48 | 1 | 31 | 4 | 0 | 0 | 0 | 1.25 | | .55 | 14 | .0 | 0 | | 5 | 1 | 0 |
| TRENTON WSO | R | 81.1 | 63.4 | 72.3 | 1.3 | 90 | 25+ | 53 | 2 | 12 | 3 | 0 | 0 | 0 | 1.48 | - 2.12 | .47 | 6 | .0 | 0 | | 5 | 0 | 0 |
| TUCKERTON | | 78.7 | 60.8 | 69.8 | | 93 | 8 | 48 | 19+ | 27 | 2 | 0 | 0 | 0 | 1.54 | | .68 | 9 | .0 | 0 | | 4 | 1 | 0 |
| WOODSTOWN | | 84.7 | 61.2 | 73.0 | | 92 | 25 | 48 | 1 | 9 | 7 | 0 | 0 | 0 | 2.39 | | .90 | 27 | .0 | 0 | | 7 | 1 | 0 |
| DIVISION | | | | 71.7 | 1.0 | | | | | | | | | | 1.28 | - 2.34 | | | .0 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | R | 73.1 | 62.6 | 67.9 | - 1.1 | 83 | 26 | 52 | 2 | 30 | 0 | 0 | 0 | 0 | .61 | - 2.43 | .37 | 8 | | | | 1 | 0 | 0 |
| CAPE MAY 1 NW | | 77.0 | 62.4 | 69.7 | | 89 | 27 | 52 | 2 | 27 | 0 | 0 | 0 | 0 | .34 | | .15 | 3 | .0 | 0 | | 2 | 0 | 0 |
| LONG BRANCH 2 S | | 78.2 | 61.2 | 69.7 | .6 | 91 | 8 | 49 | 2 | 24 | 1 | 0 | 0 | 0 | 1.14 | - 2.27 | .62 | 14 | .0 | 0 | | 3 | 1 | 0 |
| SANDY HOOK | | | | | | | | | | | | | | | | | | | | | | | | |
| DIVISION | | | | 69.1 | - .3 | | | | | | | | | | .70 | - 2.37 | | | .0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>3 STATIONS | 94 | DATE | 08+ |
| LOWEST TEMPERATURE<br>SUSSEX 1 SE | 42 | DATE | 01 |
| GREATEST TOTAL PRECIPITATION<br>GREENWOOD LAKE | 3.37 | | |
| LEAST TOTAL PRECIPITATION<br>JERSEY CITY | .30 | | |
| GREATEST 1 DAY PRECIPITATION<br>PHILLIPSBURG | 1.82 | DATE | 15 |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

NEW JERSEY
JUNE 1971

| Station | | Total | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | | 2.41 | .12 | | 1.07 | | | | .05 | | | | | | | .05 | .06 | .24 | | | | | | .82 | | | | | | | T | | . |
| BERNARDSVILLE 2 E | | 1.09 | .06 | | .08 | | | | | | | | | | | .01 | .08 | .37 | | | | | | .39 | | | | .05 | | | .05 | | . |
| BLACKWELLS MILLS | | .91 | .23 | | .03 | | .05 | T | .10 | | | | | | | | .09 | .28 | | | | | | .09 | | | | | | | .04 | | . |
| BOONTON 1 SE | | 1.03 | .10 | | .25 | | | | | | | | | | | .10 | .08 | .40 | | | | | | | | | | .02 | | | .08 | | . |
| BOUND BROOK 2 W | | .89 | .10 | | .23 | | .02 | | T | | | | | | .18 | .03 | .06 | .16 | | | | | | .11 | | | | | | | | | . |
| BRANCHVILLE | | 2.27 | T | | .35 | .12 | | | | T | .18 | | | | | .18 | .38 | .30 | | | | | | .02 | | | | .70 | | .04 | | | . |
| CANISTEAR RESERVOIR | | 2.29 | .25 | | .66 | .23 | | | | | .09 | | | | .07 | .17 | .20 | .27 | | | | | | .08 | | | | .27 | | | | | . |
| CANOE BROOK | | .96 | .25 | | .12 | | | | | | T | | | | T | T | .04 | .26 | | | | | | .06 | | T | | .21 | | | .02 | | . |
| CHARLOTTEBURG | | 2.93 | .36 | | 1.28 | .13 | | | | | .19 | | | | | .27 | .11 | .36 | | | | | | T | | | | .23 | | | | | . |
| CRANFORD | | 1.65 | | .10 | .07 | | | T | | | | | | | T | .11 | .36 | | | | | | .93 | | | | | .06 | | .02 | | | . |
| ESSEX FELLS SERV BLDG | | 1.15 | .17 | .08 | | | | | | | | | | | | .05 | .20 | .39 | | | | | | | | | | .26 | | | | | . |
| FLEMINGTON 1 NE | | 1.69 | .20 | | .26 | | | | .07 | | | | | | .41 | .04 | .28 | .38 | | | | | | .05 | | | | | | | T | | . |
| GREENWOOD LAKE | | 3.37 | .30 | | .90 | .72 | | | | .02 | .14 | | | | | .40 | .15 | .45 | | | | | | .09 | | | | .20 | | | | | . |
| HIGH POINT PARK | | 1.55 | .10 | | .40 | | .01 | | .03 | .03 | .01 | | | | .15 | .01 | .45 | .11 | .03 | | | | | | | | .20 | .01 | | .01 | | | . |
| JERSEY CITY | | .30 | | T | T | | | | | | | | | | T | T | .22 | | | | | | .08 | | | | T | | | | | | . |
| LAMBERTVILLE | | 1.64 | | .11 | .05 | | | .18 | .40 | | | | | | | .20 | .34 | .06 | | | | | .30 | | | | | | | T | | | . |
| LITTLE FALLS | | 1.24 | .15 | | .11 | T | | | | | | | | | .04 | .45 | .08 | .36 | | | | | | .03 | | | | .02 | | T | | | . |
| LONG VALLEY | | 1.74 | .29 | | .50 | | | | | | | | | | .05 | | | .63 | | | | | | .16 | | | | .01 | | .10 | | | . |
| MAHWAH | | 2.51 | .13 | | 1.10 | .62 | | | | | T | | | | | .09 | .13 | .32 | | | | | | T | | | | .12 | | T | | | . |
| MIDLAND PARK | | 3.01 | | | .44 | .52 | | | | | | | | | 1.35 | .06 | .18 | | | | | | .21 | | | | .25 | | | | | | . |
| MILTON | | 2.09 | | | .92 | | | | | | | | | | .02 | .25 | | .45 | | | | | | | | | | .45 | | | | | . |
| MORRIS PLAINS 1 W | | 1.30 | .17 | | .17 | | | | T | | .10 | | | | | .02 | .08 | .45 | | | | | | .03 | | | | .27 | | | .01 | | . |
| NEWARK WSO | R | 1.48 | | .05 | .04 | | | T | | | | | | | T | .72 | .21 | | | | | | .14 | T | | | .31 | | | .01 | | | . |
| NEW MILFORD | | 2.09 | | | .04 | .85 | | | | | | | | | .83 | | .25 | | | | | | | | | | .12 | | | | | | . |
| NEWTON | | 2.11 | .13 | | .62 | | | | | | .08 | | | | T | .13 | .28 | .38 | | | | | | .08 | | | | .32 | | | .09 | | . |
| OAK RIDGE RESERVOIR | | 2.59 | .31 | | .93 | .09 | | | | | .21 | | | | .26 | | .18 | .37 | | | | | | | | | | .24 | | | | | . |
| PATERSON | | .66 | | T | | | | | | | | | | | .27 | T | .38 | | | | | | .01 | | | | | | | | | | . |
| PHILLIPSBURG | | 3.00 | .12 | | .52 | | | | .11 | | | | | | .08 | .04 | 1.82 | .29 | | | | | | .02 | | | | | | | | | . |
| PLAINFIELD | | .75 | | .06 | .06 | | .01 | | T | | | | | T | T | .22 | .24 | | | | | | .08 | | T | | | | | .08 | | | . |
| POTTERSVILLE 2 NNW | | 1.40 | .30 | | .31 | | | | .09 | | | | | | T | T | .09 | .43 | | | | | | .09 | | | | | | | .09 | | . |
| RAHWAY | | 1.56 | | .04 | | | | | | | | | | | | .32 | .30 | | | | | | .90 | | | | | | | T | | | . |
| RINGWOOD | | 2.11 | .35 | | 1.10 | | | | | | T | | | | T | .05 | .43 | .03 | | | | | | | | | | .15 | | | | | . |
| SOMERVILLE 3 NW | | 1.44 | | | .35 | | .03 | | | | | | | | .20 | .06 | .10 | .25 | | | | | | .38 | | .01 | | | | | .06 | | . |
| SPLIT ROCK POND | | 3.03 | .93 | | .89 | | | | | | | | | | .11 | .09 | .10 | .31 | | | | | | | | | T | .60 | | | T | | . |
| SUSSEX 1 SE | | 2.25 | .17 | | .32 | .31 | | | | .06 | .32 | | | | | .18 | .32 | .32 | | | | | | | | | | .25 | | | | | . |
| WANAQUE RAYMOND DAM | | 2.00 | .10 | | 1.00 | .25 | | | | | .01 | | | | | .10 | .08 | .24 | | | | | | | | | | .22 | | | | | . |
| WERTSVILLE | | 1.08 | .08 | | .12 | | T | T | .10 | | | | | | .12 | T | .20 | .23 | | | | | | .23 | | | | | | | | | . |
| WEST WHARTON | | 1.75 | .36 | | .73 | | | | | | | | | | | .02 | .08 | .50 | | | | | | | | | | .05 | | | .01 | | . |
| WOODCLIFF LAKE | | 1.89 | | | .22 | .75 | | | | | | | | | .11 | .01 | .25 | | | | | | .16 | | | | .39 | | | | | | . |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | | .69 | | | .08 | | | .08 | | .50 | .01 | | | | | | | .02 | | | | | | | | T | | T | | | | | . |
| AUDUBON | | 1.04 | | | .40 | | | T | .06 | T | | | | .15 | T | .25 | T | .08 | | | | | .10 | | | | | | | | | | . |
| BASS RIVER ST FOREST | | 1.57 | | | .21 | .05 | | | .43 | | .40 | | | | | .28 | | T | | | | | | .20 | | | | | | | | | . |
| BELLEPLAIN ST FOREST | | .88 | | | .09 | .17 | | .10 | .08 | | .05 | | | | | | | | | | | | | .39 | | | | T | | | | | . |
| BURLINGTON | | 1.86 | | | | | | .53 | .24 | | | | | | | .29 | .28 | | | | | | .27 | .25 | | | | | | | | | . |
| CANTON | | 1.55 | | | .28 | .23 | | | .88 | | .12 | | | | | | .04 | | | | | | | | | | | | | | | | . |
| CHATSWORTH | | .44 | | | | | | .21 | | | | | | | | .23 | | | | | | | | | | | | | | | | | . |
| FORTESCUE | | .35 | | | .15 | | | | .20 | | | | | | | | | | | | | | | | | | | | | | | | . |
| FREEHOLD | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| GLASSBORO | | .91 | | | * | .25 | | | .02 | | .07 | | | | .16 | | .03 | .27 | | | | | | .03 | | | | | .03 | .05 | | | . |
| HAMMONTON 2 NNE | | 1.68 | .04 | | .30 | T | | T | .18 | | .21 | | | | | .60 | T | .28 | | | | | | .07 | | | | | | | | | . |
| HIGHTSTOWN 1 N | | .83 | | T | .17 | | | .02 | .04 | | .05 | | | .01 | | .13 | .02 | .18 | | | | | .12 | | | | | | | .09 | | | . |
| INDIAN MILLS 2 W | | 1.01 | | | .07 | | | .03 | T | | T | | | .08 | .09 | .61 | T | T | | | | | .13 | | | | | | T | | | | . |
| MAYS LANDING 1 W | | .50 | .02 | | .13 | .02 | | T | .13 | | .20 | | | | | | | | | | | | | | | | | | T | | | | . |
| MILLVILLE FAA AIRPORT | | 1.08 | | | .35 | | | T | | .23 | | | | | | T | T | T | | | | | .48 | | | T | | .02 | | | | | . |
| MOORESTOWN | | 1.57 | T | | .43 | .01 | | | .24 | T | | | | | * | .57 | .24 | T | | | | | | .08 | | | | | | | | | . |
| NEW BRUNSWICK | | .88 | .22 | | .02 | | T | T | .08 | | | | | | T | .02 | .14 | .15 | | | | | | .08 | | | | | | T | .17 | | . |
| PEMBERTON 3 E | | 2.23 | | | .17 | | | .19 | .74 | | | | | | .08 | .99 | | | | | | | .06 | | | | | | | | | | . |
| PRINCETON WATER WORKS | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| SEABROOK FARMS | | 1.77 | .01 | | .38 | .46 | | .18 | .13 | | .20 | | | | | | .02 | .14 | | | | | | .14 | | | | | .11 | | | | . |
| SHILOH | | .82 | | | .30 | .16 | | .01 | .10 | | .05 | | | | | .02 | | .05 | | | | | | | | | | | .13 | | | | . |
| TOMS RIVER | | 1.25 | .03 | | .10 | | .04 | | .26 | | | | | | .15 | .55 | .01 | .01 | | | | | | | | | | | | | .10 | | . |
| TRENTON WSO | R | 1.48 | | T | .10 | | | .47 | | T | | | | | .30 | .30 | .09 | | | | | | .21 | | | | | | | .01 | | | . |
| TUCKERTON | | 1.54 | | T | .07 | | | .38 | .03 | | .68 | | | | .01 | .22 | T | .01 | | | | | .14 | T | | | | T | | T | T | | . |
| WOODSTOWN | | 2.39 | | | .41 | .44 | | .10 | .11 | .01 | | | | | | .10 | | .30 | | | | | .01 | | | | | | .90 | .01 | | | . |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | R | .61 | | | .08 | | | .04 | | .37 | .07 | | | | | | | .02 | | | | | .03 | | | | | | | | | | . |
| CAPE MAY 1 NW | | .34 | T | | .15 | | | | .11 | T | .03 | | | | | | | | | | | | | .05 | | | | | | | | | . |
| LONG BRANCH 2 S | | 1.14 | | | .26 | | .05 | | .02 | | | | | T | | .62 | .06 | .02 | | | | | T | T | | | | | | .11 | | | . |
| SANDY HOOK | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) Resultant Direction | Wind Resultant Speed | Wind Average | Wind Fastest mile | Wind Direction of fastest mile | Wind Date of fastest mile | Relative humidity averages-percent, Standard of Time EASTERN 01 | 07 | 13 | 19 | Number of days with precipitation Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ATLANTIC CITY WSD | 18 | 2.4 | 8.0 | 20++ | 7 | 14 | 88 | 81 | 56 | 73 | 2 | 4 | 0 | 1 | 0 | 0 | 7 | 61 | 6.0 |
| ATLANTIC CITY | - | - | - | 29 | W | 08 | - | - | - | - | 0 | 5 | 1 | 0 | 0 | 0 | 6 | - | - |
| NEWARK WSD | 21 | 1.8 | 9.0 | 22++ | 32 | 08 | 70 | 67 | 47 | 55 | 3 | 3 | 3 | 1 | 0 | 0 | 10 | - | 6.0 |
| TRENTON WSD | - | - | - | 24 | NW | 06 | - | - | - | - | 2 | 2 | 5 | 0 | 0 | 0 | 9 | 63 | 6.0 |

See reference notes following Station Index.

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 75 | 75 | 70 | 79 | 86 | 82 | 78 | 87 | 87 | 78 | 78 | 77 | 82 | 81 | 66 | 57 | 71 | 78 | 82 | 86 | 84 | 83 | 83 | 84 | 88 | 87 | 85 | 85 | 83 | 76 | | 79.8 |
| | MIN | 48 | 47 | 52 | 59 | 57 | 60 | 60 | 62 | 62 | 54 | 53 | 54 | 59 | 63 | 55 | 53 | 51 | 51 | 54 | 59 | 63 | 63 | 59 | 63 | 62 | 64 | 59 | 66 | 59 | 63 | | 57.8 |
| BOONTON 1 SE | MAX | 75 | 72 | 71 | 79 | 85 | 80 | 78 | 89 | 87 | 77 | 80 | 80 | 84 | 82 | 69 | 56 | 75 | 80 | 83 | 82 | 85 | 84 | 86 | 86 | 90 | 89 | 88 | 86 | 75 | 78 | | 80.4 |
| | MIN | 48 | 46 | 53 | 51 | 59 | 56 | 59 | 67 | 63 | 53 | 49 | 55 | 65 | 60 | 53 | 53 | 48 | 52 | 54 | 57 | 63 | 65 | 58 | 61 | 61 | 65 | 55 | 65 | 57 | 65 | | 57.2 |
| CANOE BROOK | MAX | 72 | 75 | 69 | 82 | 87 | 84 | 80 | 92 | 90 | 77 | 80 | 77 | 82 | 81 | 70 | 59 | 75 | 83 | 85 | 85 | 86 | 87 | 83 | 84 | 85 | 92 | 89 | 88 | 78 | 79 | | 81.2 |
| | MIN | 48 | 47 | 51 | 58 | 55 | 55 | 50 | 66 | 60 | 51 | 48 | 57 | 62 | 61 | 52 | 51 | 47 | 51 | 50 | 59 | 62 | 63 | 59 | 64 | 61 | 66 | 54 | 66 | 59 | 65 | | 56.6 |
| CHARLOTTEBURG | MAX | 73 | 72 | 72 | 77 | 81 | 75 | 77 | 87 | 85 | 74 | 74 | 75 | 82 | 82 | 65 | 68 | 71 | 78 | 79 | 79 | 81 | 81 | 82 | 82 | 86 | 85 | 81 | 82 | 72 | 76 | | 77.8 |
| | MIN | 50 | 45 | 49 | 59 | 58 | 54 | 56 | 67 | 59 | 51 | 54 | 56 | 59 | 59 | 50 | 49 | 48 | 49 | 52 | 54 | 58 | 62 | 56 | 57 | 59 | 61 | 66 | 56 | 55 | 59 | | 55.6 |
| CRANFORD | MAX | 75 | 69 | 82 | 88 | 88 | 81 | 92 | 90 | 89 | 80 | 78 | 86 | 84 | 81 | 66 | 73 | 83 | 85 | 84 | 88 | 88 | 86 | 86 | 90 | 92 | 89 | 88 | 88 | 80 | 92 | | 84.0 |
| | MIN | 51 | 47 | 57 | 62 | 59 | 60 | 61 | 68 | 64 | 56 | 52 | 58 | 65 | 62 | 56 | 55 | 51 | 51 | 52 | 59 | 63 | 66 | 61 | 65 | 64 | 68 | 60 | 69 | 65 | 68 | | 59.8 |
| ESSEX FELLS SERV BLDG | MAX | 73 | 69 | 69 | 82 | 86 | 80 | 82 | 91 | 90 | 78 | 79 | 77 | 76 | 74 | 75 | 60 | 75 | 82 | 85 | 85 | 86 | 86 | 85 | 87 | 86 | 92 | 87 | 87 | 80 | 78 | | 80.7 |
| | MIN | 48 | 56 | 56 | 59 | 59 | 51 | 50 | 66 | 60 | 49 | 49 | 56 | 52 | 54 | 49 | 50 | 49 | 51 | 54 | 62 | 62 | 56 | 56 | 56 | 57 | 59 | 56 | 65 | 60 | 60 | | 55.6 |
| FLEMINGTON 1 NE | MAX | 74 | 75 | 70 | 83 | 86 | 85 | 79 | 90 | 89 | 78 | 80 | 81 | 86 | 84 | 65 | 60 | 74 | 81 | 84 | 85 | 87 | 87 | 85 | 87 | 90 | 92 | 89 | 90 | 83 | 80 | | 82.0 |
| | MIN | 45 | 46 | 51 | 61 | 51 | 60 | 58 | 58 | 62 | 54 | 48 | 53 | 58 | 60 | 55 | 52 | 49 | 48 | 50 | 54 | 60 | 65 | 58 | 60 | 62 | 65 | 58 | 63 | 58 | 63 | | 56.2 |
| HIGH POINT PARK | MAX | 71 | 69 | 68 | 78 | 80 | 74 | 75 | 85 | 85 | 71 | 73 | 72 | 80 | 76 | 63 | 53 | 70 | 77 | 77 | 78 | 80 | 79 | 79 | 81 | 84 | 83 | 79 | 82 | 71 | 74 | | 75.6 |
| | MIN | 45 | 52 | 55 | 57 | 57 | 53 | 55 | 64 | 57 | 49 | 50 | 57 | 59 | 56 | 49 | 48 | 49 | 59 | 57 | 63 | 63 | 59 | 56 | 64 | 59 | 63 | 55 | 61 | 56 | 61 | | 56.3 |
| JERSEY CITY | MAX | 73 | 65 | 81 | 88 | 82 | 74 | 90 | 90 | 79 | 78 | 75 | 83 | 85 | 72 | 58 | 69 | 78 | 80 | 75 | 78 | 80 | 83 | 80 | 81 | 83 | 89 | 82 | 77 | 72 | 90 | | 79.0 |
| | MIN | 50 | 57 | 57 | 66 | 63 | 61 | 68 | 71 | 66 | 61 | 58 | 63 | 65 | 57 | 55 | 55 | 59 | 63 | 64 | 65 | 67 | 69 | 67 | 67 | 70 | 70 | 65 | 68 | 68 | 68 | | 63.4 |
| LAMBERTVILLE | MAX | 77 | 77 | 82 | 87 | 87 | 83 | 91 | 90 | 87 | 80 | 82 | 87 | 84 | 79 | 65 | 77 | 83 | 86 | 86 | 88 | 86 | 86 | 88 | 90 | 92 | 90 | 90 | 89 | 82 | 89 | | 84.7 |
| | MIN | 46 | 49 | 62 | 61 | 58 | 61 | 60 | 65 | 64 | 56 | 49 | 59 | 65 | 65 | 56 | 53 | 51 | 50 | 52 | 60 | 65 | 65 | 61 | 65 | 65 | 70 | 60 | 69 | 61 | 68 | | 59.7 |
| LITTLE FALLS | MAX | 74 | 75 | 70 | 84 | 87 | 82 | 80 | 92 | 91 | 78 | 80 | 78 | 85 | 84 | 70 | 58 | 75 | 82 | 85 | 84 | 87 | 86 | 87 | 85 | 90 | 92 | 90 | 89 | 77 | 80 | | 81.9 |
| | MIN | 49 | 49 | 52 | 61 | 60 | 58 | 62 | 70 | 64 | 55 | 52 | 60 | 63 | 61 | 54 | 53 | 51 | 54 | 57 | 61 | 65 | 67 | 63 | 64 | 65 | 67 | 60 | 69 | 62 | 68 | | 59.9 |
| LONG VALLEY | MAX | 73 | 76 | 67 | 78 | 85 | 80 | 77 | 87 | 85 | 77 | 78 | 77 | 83 | 78 | 63 | 55 | 72 | 79 | 81 | 81 | 83 | 81 | 84 | 83 | 87 | 85 | 84 | 85 | 76 | 75 | | 78.5 |
| | MIN | 44 | 46 | 54 | 61 | 62 | 58 | 59 | 64 | 60 | 54 | 49 | 57 | 62 | 62 | 54 | 50 | 47 | 47 | 48 | 53 | 59 | 64 | 55 | 60 | 59 | 65 | 54 | 65 | 58 | 65 | | 56.5 |
| MORRIS PLAINS 1 W | MAX | 73 | 74 | 69 | 81 | 86 | 82 | 80 | 90 | 90 | 77 | 80 | 78 | 86 | 83 | 67 | 55 | 74 | 81 | 84 | 84 | 86 | 85 | 85 | 84 | 91 | 92 | 87 | 87 | 77 | 78 | | 80.9 |
| | MIN | 50 | 44 | 52 | 62 | 59 | 56 | 59 | 65 | 61 | 56 | 48 | 55 | 60 | 60 | 53 | 52 | 47 | 49 | 50 | 55 | 58 | 65 | 56 | 59 | 59 | 63 | 54 | 58 | 57 | 64 | | 56.2 |
| NEWARK WSO | MAX | 74 | 68 | 85 | 88 | 85 | 78 | 94 | 93 | 82 | 82 | 76 | 88 | 86 | 72 | 63 | 72 | 84 | 85 | 82 | 88 | 89 | 87 | 82 | 91 | 92 | 90 | 89 | 80 | 79 | 93 | | 83.2 |
| | MIN | 56 | 55 | 63 | 69 | 69 | 66 | 68 | 73 | 68 | 64 | 61 | 65 | 70 | 63 | 58 | 60 | 59 | 63 | 64 | 68 | 70 | 72 | 68 | 68 | 73 | 75 | 71 | 69 | 69 | 72 | | 66.3 |
| NEWTON | MAX | 74 | 76 | 74 | 80 | 85 | 80 | 81 | 91 | 89 | 76 | 79 | 78 | 85 | 80 | 66 | 55 | 75 | 81 | 84 | 83 | 86 | 84 | 81 | 86 | 89 | 90 | 84 | 88 | 76 | 78 | | 80.5 |
| | MIN | 44 | 48 | 51 | 56 | 52 | 56 | 57 | 69 | 61 | 50 | 45 | 57 | 59 | 59 | 52 | 52 | 49 | 50 | 51 | 55 | 61 | 61 | 54 | 61 | 57 | 62 | 55 | 64 | 55 | 64 | | 55.6 |
| PATERSON | MAX | 75 | 71 | | 89 | 84 | 82 | | 94 | 81 | 80 | 79 | 85 | 87 | 71 | 64 | | 75 | 88 | 86 | 89 | 89 | 85 | 93 | 94 | 91 | 90 | 93 | 82 | 80 | | | 83.7 |
| | MIN | 50 | 50 | 58 | 63 | 65 | 59 | 63 | 70 | 65 | 52 | 55 | 62 | 66 | 61 | 51 | 55 | 53 | 58 | 56 | 62 | 66 | 65 | 66 | 68 | 60 | 63 | 57 | 68 | 63 | 69 | | 60.6 |
| PHILLIPSBURG | MAX | 77 | 76 | 73 | 83 | 88 | 82 | 81 | 90 | 89 | 80 | 80 | 81 | 87 | 84 | 67 | 60 | 74 | 81 | 83 | 84 | 85 | 86 | 86 | 88 | 90 | 89 | 89 | 90 | 86 | 80 | | 82.3 |
| | MIN | 46 | 48 | 54 | 59 | 58 | 60 | 59 | 63 | 62 | 54 | 49 | 56 | 59 | 63 | 55 | 52 | 51 | 50 | 54 | 57 | 61 | 65 | 58 | 62 | 62 | 64 | 57 | 64 | 61 | 64 | | 57.6 |
| PLAINFIELD | MAX | 76 | 71 | 82 | 88 | 84 | 81 | 93 | 91 | 81 | 82 | 77 | 87 | 85 | 67 | 64 | 74 | 83 | 86 | 88 | 88 | 87 | 86 | 84 | 91 | 92 | 91 | 90 | 78 | 80 | 92 | | 83.3 |
| | MIN | 50 | 50 | 57 | 60 | 59 | 61 | 61 | 67 | 63 | 57 | 52 | 58 | 64 | 64 | 56 | 54 | 53 | 51 | 53 | 61 | 64 | 65 | 63 | 64 | 64 | 68 | 60 | 69 | 61 | 67 | | 59.9 |
| SOMERVILLE 3 NW | MAX | 74 | 75 | 68 | 82 | 86 | 82 | 79 | 90 | 89 | 78 | 79 | 78 | 85 | 83 | 66 | 58 | 74 | 81 | 84 | 84 | 86 | 85 | 86 | 85 | 89 | 90 | 88 | 88 | 82 | 80 | | 81.1 |
| | MIN | 48 | 49 | 52 | 55 | 57 | 60 | 54 | 63 | 61 | 56 | 50 | 57 | 61 | 62 | 54 | 53 | 50 | 49 | 51 | 50 | 62 | 64 | 59 | 62 | 61 | 67 | 58 | 67 | 60 | 65 | | 57.2 |
| SUSSEX 1 SE | MAX | 71 | 73 | 73 | 78 | 83 | 78 | 79 | 88 | 87 | 74 | 77 | 77 | 88 | 79 | 67 | 55 | 74 | 80 | 82 | 80 | 84 | 82 | 83 | 85 | 89 | 87 | 83 | 86 | 75 | 77 | | 79.1 |
| | MIN | 42 | 44 | 48 | 56 | 58 | 54 | 56 | 65 | 62 | 49 | 46 | 56 | 60 | 62 | 52 | 52 | 49 | 51 | 52 | 56 | 59 | 62 | 55 | 60 | 59 | 59 | 52 | 57 | 56 | 54 | | 54.8 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | MAX | 67 | 68 | 80 | 83 | 77 | 80 | 90 | 91 | 75 | 74 | 75 | 83 | 83 | 68 | 65 | 68 | 75 | 78 | 78 | 81 | 84 | 80 | 76 | 84 | 90 | 85 | 82 | 81 | 78 | 89 | | 78.9 |
| | MIN | 51 | 54 | 62 | 64 | 57 | 59 | 61 | 67 | 62 | 59 | 54 | 63 | 66 | 58 | 56 | 49 | 47 | 47 | 49 | 64 | 68 | 63 | 61 | 65 | 69 | 70 | 67 | 65 | 66 | 68 | | 60.4 |
| AUDUBON | MAX | 79 | 76 | 84 | 87 | 85 | 84 | 92 | 90 | 79 | 82 | 83 | 87 | 86 | 71 | 68 | 77 | 83 | 86 | 87 | 89 | 89 | 88 | 87 | 90 | 93 | 91 | 92 | 90 | 82 | 90 | | 84.9 |
| | MIN | 54 | 53 | 64 | 62 | 64 | 63 | 63 | 68 | 68 | 59 | 56 | 61 | 66 | 60 | 57 | 55 | 52 | 52 | 54 | 65 | 68 | 69 | 65 | 68 | 69 | 73 | 67 | 65 | 65 | 70 | | 62.5 |
| BELLEPLAIN ST FOREST | MAX | | 72 | 84 | 88 | 86 | 86 | 90 | 90 | 90 | 77 | 82 | 84 | 86 | 79 | 67 | 72 | 78 | 79 | 83 | 86 | 89 | 87 | 80 | 87 | 90 | 88 | 87 | 86 | 82 | 90 | | 83.6 |
| | MIN | | 46 | 62 | 61 | 59 | 59 | 60 | 65 | 63 | 52 | 50 | 60 | 59 | 59 | 59 | 57 | 47 | 45 | 49 | 60 | 65 | 67 | 63 | 67 | 67 | 70 | 70 | 68 | 68 | 67 | | 60.1 |
| BURLINGTON | MAX | 76 | 80 | 76 | 89 | 85 | 90 | 94 | 94 | 88 | 81 | 83 | 87 | 85 | 82 | 72 | 75 | 83 | 86 | 87 | 86 | 87 | 86 | 86 | 92 | 92 | 91 | 90 | 90 | 84 | 91 | | 85.6 |
| | MIN | 52 | | 71 | 63 | 61 | 65 | 61 | 67 | 65 | 56 | 55 | 69 | 68 | 62 | 57 | 52 | 49 | 56 | 56 | 61 | 67 | | 62 | 65 | 68 | 74 | 65 | 74 | 64 | 66 | | 62.5 |
| CHATSWORTH | MAX | 75 | 73 | 85 | 87 | 87 | 81 | 94 | 93 | 90 | 82 | 80 | 87 | 87 | 82 | 68 | 73 | 82 | | 84 | 86 | 89 | 82 | 82 | 90 | 92 | 92 | 90 | 84 | 78 | 92 | | 84.4 |
| | MIN | 48 | 50 | 62 | 55 | 56 | 62 | 58 | 64 | 63 | 55 | 51 | 58 | 65 | 60 | 57 | 54 | 47 | 46 | 52 | 61 | 66 | 65 | 63 | 64 | 65 | 71 | 63 | 69 | 63 | 61 | | 59.1 |
| FREEHOLD | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GLASSBORO | MAX | 73 | 77 | 72 | 83 | 85 | 84 | 82 | 91 | 89 | 76 | 81 | 83 | 85 | 84 | 70 | 68 | 75 | 82 | 85 | 86 | 87 | 88 | 86 | 85 | 90 | 92 | 92 | 90 | 89 | 84 | | 83.1 |
| | MIN | 53 | 52 | 55 | 63 | 61 | 63 | 65 | 62 | 65 | 58 | 56 | 63 | 66 | 65 | 57 | 54 | 51 | 50 | 51 | 54 | 66 | 69 | 64 | 67 | 69 | 74 | 66 | 74 | 64 | 69 | | 61.5 |
| HAMMONTON 2 NNE | MAX | 70 | 73 | 72 | 84 | 87 | 83 | 84 | 92 | 92 | 75 | 81 | 82 | 86 | 87 | 69 | 69 | 72 | 81 | 82 | 84 | 87 | 90 | 84 | 82 | 92 | 93 | 90 | 92 | 87 | 88 | | 83.0 |
| | MIN | 49 | 51 | 52 | 61 | 60 | 58 | 60 | 64 | 62 | 52 | 52 | 59 | 64 | 63 | 55 | 52 | 48 | 48 | 50 | 51 | 64 | 65 | 60 | 62 | 65 | 70 | 65 | 69 | 61 | 63 | | 58.5 |
| HIGHTSTOWN 1 N | MAX | 75 | 72 | 80 | 85 | 83 | 80 | 92 | 91 | 82 | 79 | 76 | 86 | 84 | 76 | 60 | 72 | 82 | 86 | 86 | 88 | 87 | 86 | 84 | 90 | 92 | 90 | 90 | 84 | 80 | 91 | | 83.0 |
| | MIN | 49 | 50 | 61 | 62 | 60 | 61 | 61 | 68 | 63 | 56 | 50 | 59 | 66 | 59 | 55 | 53 | 52 | 50 | 51 | 63 | 65 | 66 | 61 | 63 | 65 | 69 | 60 | 66 | 60 | 67 | | 59.7 |
| INDIAN MILLS 2 W | MAX | 77 | 72 | 83 | 86 | 85 | 83 | 92 | 91 | 82 | 80 | 81 | 86 | 84 | 73 | 68 | 74 | 81 | 83 | 84 | 86 | 88 | 85 | 85 | 89 | 91 | 91 | 90 | 88 | 80 | 91 | | 83.6 |
| | MIN | 48 | 52 | 62 | 62 | 57 | 59 | 60 | 67 | 65 | 53 | 50 | 59 | 65 | 60 | 56 | 54 | 46 | 45 | 47 | 62 | 65 | 65 | 61 | 65 | 65 | 72 | 63 | 69 | 63 | 66 | | 59.4 |
| MILLVILLE FAA AIRPORT | MAX | 74 | 71 | 82 | 85 | 83 | 83 | 91 | 90 | 73 | 78 | 82 | 83 | 85 | 71 | 68 | 75 | 79 | 80 | 84 | 83 | 86 | 82 | 82 | 88 | 90 | 87 | 87 | 89 | 80 | 87 | | 81.9 |
| | MIN | 51 | 55 | 64 | 64 | 63 | 65 | 61 | 67 | 62 | 57 | 57 | 67 | 67 | 60 | 59 | 56 | 51 | 50 | 54 | 66 | 68 | 67 | 65 | 67 | 71 | 74 | 71 | 68 | 68 | 71 | | 62.9 |
| MOORESTOWN | MAX | 75 | 76 | 72 | 81 | 86 | 85 | 82 | 91 | 90 | 75 | 79 | 81 | 85 | 83 | 68 | 65 | 74 | 82 | 83 | 85 | 86 | 86 | 87 | 84 | 89 | 91 | 92 | 91 | 87 | 81 | | 82.4 |
| | MIN | 51 | 52 | 55 | 64 | 60 | 61 | 63 | 69 | 64 | 59 | 50 | 60 | 67 | 65 | 57 | 55 | 49 | 49 | 53 | 65 | 68 | 68 | 63 | 66 | 69 | 74 | 63 | 73 | 63 | 69 | | 61.5 |
| NEW BRUNSWICK | MAX | 72 | 74 | 71 | 81 | 85 | 82 | 79 | 90 | 89 | 78 | 78 | 76 | 85 | 84 | 65 | 59 | 71 | 81 | 83 | 86 | 84 | 85 | 86 | 83 | 89 | 90 | 88 | 88 | 78 | 79 | | 80.6 |
| | MIN | 51 | 50 | 52 | 63 | 63 | 62 | 62 | 66 | 64 | 59 | 51 | 59 | 66 | 62 | 56 | 53 | 51 | 55 | 54 | 65 | 63 | 68 | 63 | 63 | 65 | 68 | 64 | 70 | 62 | 66 | | 60.5 |
| PEMBERTON 3 E | MAX | 76 | 72 | 76 | 86 | 84 | 80 | 92 | 90 | 88 | 80 | 80 | 86 | 85 | 79 | 64 | 70 | 83 | 84 | 84 | 87 | 88 | 87 | 82 | 90 | 91 | 93 | 92 | 87 | 78 | 90 | | 83.5 |
| | MIN | 48 | 49 | 62 | 61 | 62 | 58 | 61 | 65 | 62 | 55 | 52 | 59 | 64 | 61 | 57 | 54 | 48 | 46 | 48 | 60 | 64 | 65 | 61 | 65 | 64 | 69 | 63 | 71 | 61 | 65 | | 59.3 |
| SEABROOK FARMS | MAX | 73 | 77 | 73 | 83 | 85 | 85 | 84 | 89 | 89 | 71 | 79 | 83 | 85 | 84 | 74 | 68 | 74 | 79 | 81 | 82 | 85 | 88 | 84 | 83 | 88 | 90 | 90 | 89 | 88 | 82 | | 82.2 |
| | MIN | 50 | 53 | 56 | 63 | 61 | 62 | 62 | 67 | 63 | 59 | 56 | 66 | 67 | 66 | 58 | 54 | 50 | 51 | 54 | 63 | 67 | 67 | 64 | 67 | 69 | 74 | 67 | 70 | 65 | 70 | | 62.0 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SHILOH | MAX | 75 | 73 | 82 | 84 | 84 | 82 | 88 | 88 | 87 | 77 | 80 | 84 | 83 | 80 | 67 | 73 | 77 | 78 | 80 | 82 | 86 | 81 | 82 | 87 | 89 | 89 | 88 | 88 | 80 | 86 | | 82.0 |
| | MIN | 51 | 52 | 62 | 64 | 64 | 62 | 63 | 66 | 62 | 59 | 55 | 64 | 66 | 63 | 57 | 54 | 51 | 52 | 54 | 65 | 66 | 67 | 63 | 66 | 67 | 74 | 68 | 67 | 66 | 69 | | 62.0 |
| TOMS RIVER | MAX | 67 | 68 | 67 | 85 | 76 | 77 | 75 | 93 | 93 | 78 | 75 | 71 | 86 | 84 | 65 | 64 | 69 | 78 | 80 | 80 | 85 | 88 | 82 | 74 | 85 | 92 | 91 | 85 | 78 | 78 | | 79.0 |
| | MIN | 48 | 53 | 55 | 63 | 60 | 54 | 61 | 67 | 65 | 57 | 54 | 58 | 65 | 64 | 58 | 51 | 50 | 49 | 50 | 62 | 64 | 65 | 63 | 65 | 66 | 71 | 65 | 68 | 66 | 65 | | 60.1 |
| TRENTON WSO | MAX | 75 | 72 | 80 | 84 | 81 | 79 | 90 | 90 | 76 | 78 | 76 | 84 | 82 | 68 | 60 | 71 | 80 | 82 | 84 | 85 | 84 | 85 | 82 | 89 | 90 | 89 | 88 | 80 | 79 | 88 | | 81.1 |
| | MIN | 54 | 53 | 65 | 67 | 66 | 59 | 64 | 70 | 65 | 61 | 56 | 62 | 67 | 60 | 55 | 55 | 58 | 59 | 60 | 66 | 68 | 69 | 65 | 66 | 72 | 74 | 67 | 65 | 64 | 69 | | 63.4 |
| TUCKERTON | MAX | 68 | 67 | 80 | 85 | 76 | 74 | 90 | 93 | 76 | 73 | 73 | 80 | 84 | 79 | 65 | 68 | 74 | 77 | 78 | 82 | 83 | 80 | 75 | 81 | 89 | 87 | 81 | 80 | 78 | 86 | | 78.7 |
| | MIN | 50 | 53 | 60 | 64 | 61 | 58 | 62 | 67 | 62 | 55 | 52 | 62 | 66 | 60 | 58 | 57 | 48 | 49 | 48 | 64 | 63 | 68 | 63 | 65 | 67 | 70 | 69 | 69 | 66 | 67 | | 60.8 |
| WOODSTOWN | MAX | 78 | 73 | 82 | 87 | 87 | 84 | 90 | 90 | 90 | 79 | 83 | 86 | 86 | 83 | 68 | 74 | 81 | 82 | 85 | 87 | 89 | 88 | 84 | 90 | 92 | 90 | 89 | 89 | 84 | 90 | | 84.7 |
| | MIN | 48 | 53 | 63 | 62 | 61 | 62 | 62 | 65 | 58 | 57 | 60 | 64 | 66 | 63 | 56 | 52 | 52 | 53 | 54 | 60 | 63 | 66 | 63 | 66 | 68 | 71 | 66 | 70 | 64 | 69 | | 61.2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 63 | 62 | 68 | 82 | 74 | 73 | 79 | 80 | 74 | 70 | 72 | 73 | 78 | 67 | 62 | 65 | 69 | 73 | 72 | 73 | 73 | 77 | 71 | 73 | 80 | 83 | 78 | 79 | 72 | 78 | | 73.1 |
| | MIN | 53 | 52 | 60 | 64 | 61 | 61 | 64 | 68 | 61 | 59 | 61 | 64 | 66 | 58 | 57 | 57 | 55 | 57 | 62 | 66 | 67 | 67 | 66 | 65 | 68 | 68 | 70 | 66 | 66 | 69 | | 62.6 |
| CAPE MAY 1 NW | MAX | 68 | 65 | 65 | 74 | 83 | 79 | 82 | 85 | 88 | 78 | 72 | 78 | 80 | 84 | 69 | 64 | 68 | 71 | 75 | 75 | 80 | 78 | 79 | 71 | 78 | 84 | 89 | 82 | 86 | 80 | | 77.0 |
| | MIN | 54 | 52 | 54 | 63 | 65 | 62 | 62 | 67 | 67 | 57 | 55 | 64 | 66 | 66 | 59 | 59 | 53 | 53 | 59 | 62 | 66 | 69 | 66 | 66 | 66 | 69 | 70 | 68 | 67 | 67 | | 62.4 |
| LONG BRANCH 2 S | MAX | 69 | 61 | 83 | 84 | 80 | 70 | 89 | 91 | 86 | 75 | 70 | 82 | 85 | 75 | 62 | 67 | 76 | 78 | 76 | 80 | 82 | 81 | 74 | 79 | 84 | 86 | 81 | 75 | 75 | 89 | | 78.2 |
| | MIN | 53 | 49 | 54 | 64 | 61 | 59 | 61 | 68 | 65 | 59 | 57 | 61 | 66 | 59 | 56 | 56 | 54 | 53 | 53 | 63 | 65 | 68 | 65 | 65 | 67 | 70 | 65 | 67 | 65 | 67 | | 61.2 |
| SANDY HOOK | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

# EVAPORATION AND WIND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | EVAP | .05 | .18 | .19 | .16 | .20 | .26 | .12 | .16 | .20 | .24 | .36 | .23 | .11 | .18 | .13 | .06 | .18 | .15 | .23 | .20 | .23 | .06 | .25 | .15 | .17 | .32 | .13 | .12 | .29 | .19 | | 5.50 |
| | WIND | 30 | 30 | 40 | 62 | 18 | 27 | 7 | 38 | 44 | 30 | 31 | 23 | 25 | 30 | 51 | 14 | 34 | 21 | 38 | 46 | 35 | 26 | 23 | 21 | 18 | 48 | 33 | 15 | 15 | 22 | | 895 |
| | MAX | 77 | 87 | 77 | 85 | 94 | 90 | 87 | 98 | 97 | 82 | 89 | 84 | 90 | 90 | 71 | 62 | 84 | 91 | 92 | 90 | 93 | 88 | 94 | 85 | 94 | 93 | 94 | 96 | 98 | 81 | | 87.8 |
| | MIN | 55 | 56 | 57 | 63 | 66 | 64 | 64 | 67 | 66 | 61 | 60 | 60 | 64 | 65 | 57 | 56 | 56 | 59 | 63 | 62 | 67 | 70 | 70 | 69 | 69 | 71 | 70 | 68 | 70 | 65 | | 63.7 |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | EVAP | .04 | .25 | .15 | .06 | .21 | .49 | .19 | .32 | .39 | .33 | .31 | .29 | .20 | .21 | .10 | .00 | .15 | .32 | .32 | .30 | .27 | .22 | .26 | .18 | .25 | .30 | .33 | .22 | .33 | .10 | | 7.09 |
| | WIND | 33 | 44 | 65 | 91 | 52 | 31 | 33 | 94 | 109 | 50 | 45 | 59 | 84 | 60 | 105 | 41 | 36 | 43 | 64 | 60 | 77 | 66 | 30 | 39 | 44 | 64 | 36 | 40 | 61 | 49 | | 1705 |
| | MAX | 75 | 75 | 80 | 82 | 89 | 90 | 86 | 95 | 92 | 85 | 87 | 84 | 87 | 88 | 69 | 59 | 80 | 88 | 89 | 91 | 89 | 89 | 94 | 87 | 93 | 91 | 92 | 92 | 86 | 81 | | 85.5 |
| | MIN | 56 | 57 | 56 | 64 | 65 | 63 | 65 | 65 | 65 | 61 | 61 | 59 | 65 | 66 | 56 | 55 | 55 | 62 | 61 | 62 | 66 | 63 | 69 | 68 | 68 | 72 | 66 | 68 | 62 | 64 | | 62.8 |
| PEMBERTON 3 E | EVAP | .12 | .17 | .12 | .17 | .17 | .07 | .22 | .20 | .17 | .14 | .17 | .15 | .05 | .20 | .09 | .11 | .20 | .25 | .24 | .20 | .16 | .12 | .20 | .19 | .21 | .22 | .26 | .21 | .16 | .10 | | 5.04 |
| | WIND | 15 | 31 | 29 | 11 | 13 | 7 | 3 | 4 | 12 | 15 | 16 | 2 | 3 | 24 | 49 | 26 | 11 | 19 | 6 | 4 | 6 | 2 | 19 | 10 | 12 | 21 | 17 | 26 | 33 | 20 | | 466 |
| SEABROOK FARMS | EVAP | .09 | .27 | .21 | .31 | .20 | .36 | .19 | .29 | .34 | .19 | .27 | .14 | .36 | .19 | .16 | .13 | .22 | .28 | .17 | .90 | .35 | .19 | .20 | .19 | .26 | .32 | .23 | .28 | .29 | .17 | | 7.75 |
| | MAX | 75 | 87 | 77 | 87 | 92 | 94 | 90 | 97 | 94 | 81 | 88 | 90 | 90 | 89 | 75 | 67 | 82 | 87 | 87 | 91 | 91 | 92 | 89 | 87 | 95 | 92 | 94 | 96 | 92 | 86 | | 87.8 |
| | MIN | 56 | 54 | 57 | 65 | 67 | 65 | 65 | 67 | 67 | 63 | 61 | 63 | 64 | 69 | 57 | 54 | 54 | 58 | 59 | 61 | 68 | 68 | 67 | 67 | 69 | 72 | 70 | 69 | 67 | 67 | | 63.7 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 81 | 78 | 78 | 86 | 85 | 83 | 88 | 88 | 83 | 86 | 85 | 86 | 86 | 75 | 68 | 83 | 87 | 89 | 91 | 90 | 88 | 90 | 88 | 92 | 92 | 91 | 95 | 87 | 84 | 92 | | 85.8 |
| | | MIN | 61 | 64 | 67 | 68 | 68 | 69 | 70 | 73 | 69 | 67 | 66 | 69 | 71 | 68 | 65 | 64 | 65 | 66 | 67 | 71 | 73 | 74 | 72 | 73 | 74 | 74 | 72 | 73 | 71 | 73 | | 69.2 |
| | 2 | MAX | 77 | 75 | 75 | 81 | 81 | 80 | 84 | 84 | 79 | 83 | 82 | 82 | 83 | 74 | 68 | 80 | 84 | 84 | 86 | 85 | 85 | 87 | 85 | 88 | 88 | 88 | 90 | 86 | 82 | 88 | | 82.5 |
| | | MIN | 62 | 64 | 67 | 68 | 69 | 69 | 70 | 73 | 70 | 68 | 67 | 69 | 71 | 68 | 65 | 65 | 66 | 67 | 68 | 71 | 73 | 74 | 73 | 73 | 74 | 75 | 73 | 74 | 72 | 74 | | 69.7 |
| | 4 | MAX | 74 | 72 | 73 | 78 | 78 | 78 | 81 | 82 | 78 | 80 | 79 | 79 | 80 | 74 | 69 | 77 | 81 | 82 | 82 | 83 | 82 | 85 | 83 | 86 | 86 | 86 | 87 | 84 | 80 | 85 | | 80.1 |
| | | MIN | 62 | 64 | 67 | 68 | 69 | 69 | 70 | 73 | 71 | 69 | 68 | 70 | 71 | 69 | 66 | 65 | 67 | 68 | 69 | 72 | 73 | 74 | 73 | 73 | 75 | 76 | 74 | 75 | 73 | 74 | | 70.2 |
| | 8 | MAX | 68 | 68 | 69 | 72 | 73 | 73 | 75 | 76 | 74 | 75 | 74 | 75 | 75 | 72 | 69 | 72 | 75 | 76 | 76 | 77 | 77 | 79 | 78 | 79 | 80 | 80 | 80 | 79 | 77 | 79 | | 75.1 |
| | | MIN | 62 | 64 | 66 | 68 | 69 | 69 | 70 | 73 | 71 | 69 | 69 | 70 | 71 | 69 | 66 | 66 | 68 | 69 | 70 | 72 | 73 | 74 | 73 | 73 | 75 | 76 | 75 | 75 | 73 | 74 | | 70.4 |
| | 20 | MAX | 62 | 62 | 64 | 65 | 66 | 67 | 68 | 69 | 69 | 68 | 68 | 69 | 69 | 69 | 68 | 67 | 68 | 69 | 69 | 70 | 71 | 71 | 71 | 72 | 73 | 73 | 73 | 73 | 72 | 73 | | 68.9 |
| | | MIN | 61 | 62 | 62 | 63 | 64 | 65 | 66 | 68 | 68 | 68 | 68 | 66 | 68 | 68 | 66 | 66 | 67 | 68 | 68 | 69 | 69 | 70 | 71 | 70 | 71 | 72 | 72 | 72 | 72 | 71 | | 67.8 |
| | 40 | MAX | 59 | 59 | 60 | 60 | 61 | 62 | 63 | 63 | 63 | 64 | 64 | 64 | 64 | 64 | 64 | 65 | 65 | 65 | 65 | 66 | 66 | 67 | 67 | 67 | 68 | 68 | 68 | 68 | 68 | 69 | | 64.5 |
| | | MIN | 58 | 58 | 58 | 59 | 60 | 60 | 61 | 62 | 62 | 63 | 63 | 63 | 63 | 64 | 64 | 64 | 64 | 64 | 64 | 65 | 65 | 65 | 66 | 66 | 66 | 67 | 67 | 68 | 67 | 67 | | 63.4 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 86 | 82 | 84 | 93 | 95 | 92 | 101 | 102 | 95 | 99 | 97 | 99 | 98 | 74 | 64 | 83 | 97 | 100 | 104 | 101 | 99 | 99 | 97 | 103 | 102 | 102 | 108 | 91 | 89 | 101 | | 94.6 |
| | | MIN | 56 | 59 | 65 | 65 | 65 | 67 | 67 | 72 | 69 | 65 | 63 | 68 | 70 | 64 | 62 | 61 | 61 | 63 | 64 | 70 | 73 | 72 | 72 | 73 | 74 | 75 | 73 | 71 | 69 | 73 | | 67.4 |
| | 2 | MAX | 84 | 80 | 82 | 90 | 92 | 90 | 98 | 99 | 92 | 95 | 93 | 95 | 95 | 74 | 64 | 82 | 93 | 97 | 100 | 97 | 96 | 97 | 93 | 100 | 99 | 100 | 104 | 89 | 87 | 98 | | 91.8 |
| | | MIN | 56 | 60 | 65 | 66 | 66 | 68 | 68 | 72 | 70 | 66 | 65 | 69 | 71 | 64 | 62 | 61 | 61 | 63 | 66 | 71 | 74 | 73 | 73 | 74 | 75 | 77 | 75 | 72 | 70 | 74 | | 68.2 |
| | 4 | MAX | 76 | 73 | 76 | 82 | 84 | 82 | 88 | 90 | 85 | 87 | 86 | 86 | 86 | 73 | 67 | 76 | 84 | 87 | 89 | 90 | 88 | 90 | 87 | 91 | 91 | 92 | 94 | 85 | 83 | 89 | | 84.6 |
| | | MIN | 59 | 62 | 65 | 67 | 68 | 69 | 70 | 74 | 73 | 69 | 69 | 71 | 73 | 67 | 63 | 62 | 64 | 67 | 69 | 74 | 75 | 75 | 75 | 75 | 77 | 79 | 77 | 75 | 73 | 75 | | 70.4 |
| | 8 | MAX | 69 | 68 | 70 | 75 | 76 | 76 | 79 | 82 | 78 | 79 | 78 | 80 | 80 | 73 | 69 | 71 | 77 | 79 | 81 | 82 | 81 | 83 | 81 | 83 | 85 | 85 | 86 | 81 | 79 | 83 | | 78.3 |
| | | MIN | 62 | 63 | 65 | 67 | 69 | 70 | 70 | 75 | 74 | 72 | 72 | 72 | 73 | 69 | 65 | 64 | 66 | 69 | 71 | 74 | 76 | 75 | 76 | 75 | 78 | 80 | 79 | 77 | 75 | 75 | | 71.6 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

| | |
|---|---|
| SUB-STA 1 | : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER. |
| SUB-STA 2 | : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES. |

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| OECEMBER 1970 | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | 41.3 | 26.0M | 33.7M | - 1.0 | 65 | 4+ | 11 | 8 | 968 | 0 | 5 | 27 | 0 | 3.54 | .09 | 1.90 | 17 | .5 | 1 | 22 | 6 | 1 | 1 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| MARCH 1971 | | | | | | | | | | | | | | | | | | | | | | | |
| BELLEPLAIN ST FOREST | 52.3 | 29.6 | 41.0 | | 71 | 15 | 15 | 9 | 740 | 0 | 0 | 20 | 0 | 1.87 | - 2.55 | .88 | 4 | 2.0 | T | 4 | 5 | 1 | 0 |
| FREEHOLD | 47.3 | 29.8 | 38.6 | - 1.4 | 72 | 16 | 20 | 10 | 814 | 0 | 0 | 23 | 0 | 3.25 | - .99 | 1.03 | 4 | 2.0 | 2 | 23 | 5 | 3 | 1 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| APRIL 1971 | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | 59.8 | 35.0 | 47.4 | - 3.4 | 77 | 14 | 27 | 9+ | 519 | 0 | 0 | 9 | 0 | 3.43 | - .15 | 2.55 | 7 | 2.5 | 3 | 7 | 3 | 2 | 1 |

# DAILY PRECIPITATION

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DECEMBER 1970 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BASS RIVER ST FOREST | 3.15 | | | | | | | | | | | | .15 | | .35 | | | 1.57 | | | | | .24 | .50 | .34 | | | | | | | • |
| FREEHOLO | 3.54 | | | | .08 | | | T | | | T | | .38 | .19 | .02 | T | | 1.90 | | | | | .17 | .30 | .46 | | .04 | | | | | • |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MARCH 1971 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELLEPLAIN ST FOREST | 1.87 | | | .19 | .88 | | | .07 | | | | | | | | .01 | | | | .11 | .15 | | | .46 | T | | | | | T | | • |
| FREEHOLD | 3.25 | | | | 1.03 | .09 | | .68 | | T | | .14 | | .05 | T | .02 | .03 | | | | .80 | T | | .41 | | | | | | | | • |
| MILTON | 3.22 | | | | .98 | .22 | | .19 | .48 | | | .10 | | .04 | | .02 | .08 | | | | 1.00 | .11 | | | | | | | | | | • |
| SPLIT ROCK POND | 2.92 | | | | .87 | .63 | | .70 | .22 | .02 | | .10 | | | | .01 | | | | | .37 | | | | | | | | | | | • |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APRIL 1971 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLO | 3.43 | | T | .23 | | | | 2.55 | T | | | | | | | | | | | | | .01 | | | | .06 | | .02 | | .56 | | • |

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DECEMBER 1970 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | MAX | 56 | 48 | 65 | 65 | 58 | 38 | 30 | 34 | 36 | 51 | 50 | 39 | 38 | 36 | 40 | 37 | 48 | 42 | 41 | 53 | 46 | 34 | 37 | 35 | 33 | 34 | 33 | 30 | 32 | 31 | 30 | 41.3 |
| | MIN | 28 | 30 | 30 | 31 | | | | 11 | 16 | 33 | 26 | 33 | 30 | 32 | 27 | 28 | 30 | 34 | 27 | 36 | 26 | 30 | 27 | 28 | 27 | 24 | 16 | 21 | 18 | 14 | 16 | 26.0 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MARCH 1971 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELLEPLAIN ST FOREST | MAX | 58 | 54 | 42 | 42 | 48 | 59 | 50 | 46 | 45 | 45 | 54 | 53 | 62 | 52 | 71 | 68 | 65 | 50 | 48 | 53 | 50 | 56 | 56 | 44 | 45 | 44 | 52 | 55 | 51 | 52 | 51 | 52.3 |
| | MIN | 27 | 27 | 34 | 28 | 28 | 30 | 38 | 30 | 15 | 17 | 38 | 26 | 34 | 39 | 38 | 38 | 33 | 26 | 26 | 37 | 34 | 27 | 32 | 27 | 23 | 25 | 29 | 21 | 39 | 26 | 27 | 29.6 |
| FREEHOLD | MAX | 58 | 57 | 41 | 35 | 33 | 43 | 56 | 46 | 37 | 40 | 47 | 47 | 49 | 42 | 47 | 72 | 66 | 44 | 46 | 51 | 44 | 46 | 53 | 43 | 37 | 44 | 36 | 47 | 55 | 54 | 50 | 47.3 |
| | MIN | 36 | 29 | 31 | 27 | 25 | 30 | 32 | 29 | 25 | 20 | 29 | 29 | 36 | 31 | 35 | 44 | 34 | 25 | 27 | 36 | 33 | 31 | 29 | 26 | 23 | 26 | 28 | 25 | 34 | 29 | 29 | 29.8 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APRIL 1971 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | MAX | 50 | 57 | 73 | 57 | 60 | 47 | 40 | 52 | 50 | 73 | 50 | 65 | 65 | 77 | 54 | 53 | 58 | 60 | 66 | 72 | 71 | 74 | 58 | 64 | 67 | 53 | 58 | 63 | 54 | 53 | | 59.8 |
| | MIN | 27 | 41 | 38 | 30 | 35 | 33 | 31 | 31 | 27 | 39 | 33 | 29 | 36 | 36 | 29 | 31 | 29 | 35 | 42 | 42 | 43 | 39 | 40 | 34 | 33 | 38 | 36 | 38 | 42 | 34 | | 35.0 |

# SNOWFALL AND SNOW ON GROUND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * *<br>DECEMBER 1970 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | SNOWFALL | | | | | | | T | | | | | T | | | T | | T | | | | | .5 | | T | | T | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | T | | | | | | | 1 | | | | T | | | | | |
| * * *<br>MARCH 1971 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | SNOWFALL | | | | | | | | | | | | | | | | | | | | | | | 2.0 | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | |
| * * *<br>APRIL 1971 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | SNOWFALL | | | | | | | 2.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | |

# CORRECTIONS

| DATE | TABLE | DIVISION | STATION | CORRECTION |
|---|---|---|---|---|
| JULY 1970 | MONTHLY SUMMARIZED STATION & DIVISIONAL DATA | SOUTHERN 02 | BURLINGTON | HIGHEST TEMPERATURE, DATE, & NUMBER OF DAYS WITH MAXIMUM 90° OR ABOVE, MISSING |
| AUGUST 1970 | MONTHLY SUMMARIZED STATION & DIVISIONAL DATA | SOUTHERN 02 | BURLINGTON | HIGHEST TEMPERATURE, DATE, LOWEST TEMPERATURE, DATE, & NUMBER OF DAYS WITH MAXIMUM 90° OR ABOVE, MISSING |
| JANUARY 1971 | DAILY PRECIPITATION | NORTHERN 01 | SUSSEX 1 SE | TOTAL 2.35, AMOUNT ON 14TH TRACE, 21ST, 27TH ZERO |
| JANUARY 1971 | DAILY PRECIPITATION | NORTHERN 01 | RINGWOOD | AMOUNT ON 4TH MISSING |
| JANUARY 1971 | DAILY TEMPERATURE | NORTHERN 01 | SUSSEX 1 SE | MINIMUM ON 27TH 15 |

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ↕ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WSO | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| *ATLANTIC CITY R | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON 2 N | 1754 | 01 | HUNTERDON | 10 | 40 40 | 74 55 | 350 | | | | C | NJ BUREAU OF WTR SUPPLY |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A | | | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A | | | INACTIVE 9/1/70 |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | 8A | 8A | | H | US DEPT OF AGRICULTURE |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| MOUNT HOLLY | 5866 | 02 | BURLINGTON | 2 | 39 59 | 74 48 | 10 | | | | C | J. WESLEY GOODFELLOW |
| NEWARK WSO R | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A | | H | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA MILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| *TRENTON WSO R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER & LIGHT CO. |
| WINDSOR | 9761 | 02 | MERCER | 2 | 40 15 | 74 35 | 88 | | | | C | JACOBUS J. HOOIHAN |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

↕ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN 11-ROCKAWAY

# REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 1:00 p.m., e.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| - | No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.<br>No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry. |
| + | And also on an earlier date or dates. |
| ++ | Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data. |
| * | Amount included in following measurement, time distribution unknown. |
| // | Gage is equipped with a windshield. |
| B | Adjusted to a full month. |
| D | Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall. |
| M | One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month. |
| R | Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.) |
| T | Trace, an amount too small to measure. |
| V | Includes total for previous month. |

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| AR | This entry in time of observation column in Station Index means after rain. |
| C | Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin. |
| G | "Soil Temperature" table. |
| H | "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month. |
| J | "Supplemental Data" table. |
| S | Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin. |
| SS | This entry in time of observation column in Station Index means observation made near sunset. |
| VAR | This entry in time of observation column in Station Index means variable. |
| # | Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building. |

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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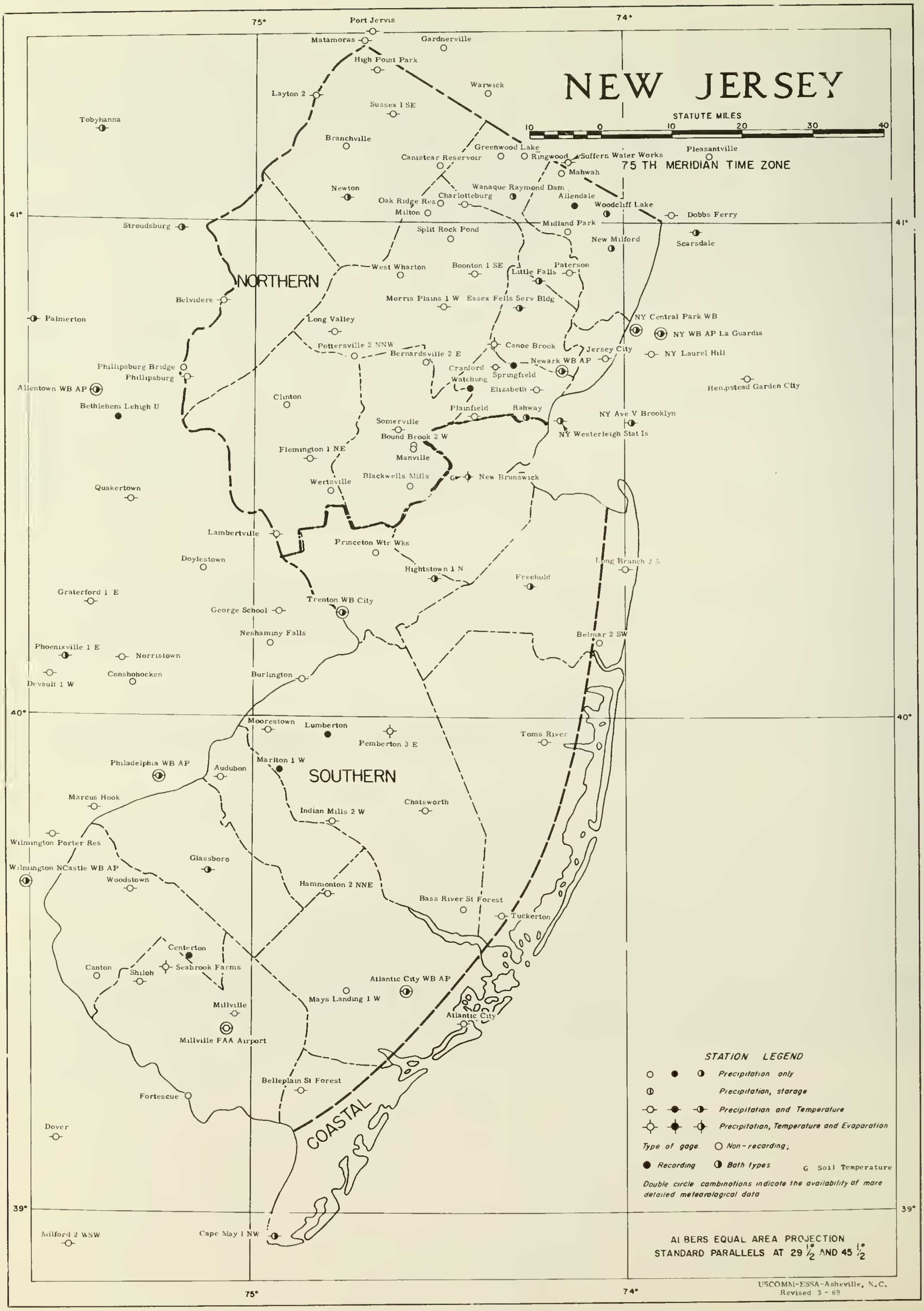

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Revised 3 - 69

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# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
JULY 1971
Volume 76 No. 7

THE LIBRARY OF THE
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UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 82.4 | 58.3 | 70.4 | - 4.7 | 92 | 9 | 51 | 21+ | 6 | 2 | 0 | 0 | 0 | 2.41 | - 2.89 | .38 | 20 | .0 | 0 | | 10 | 0 | 0 |
| BOONTON 1 SE | 83.4 | 59.2 | 71.3 | - 1.5 | 93 | 9 | 48 | 5 | 0 | 3 | 0 | 0 | 0 | 5.71 | 1.47 | 1.89 | 20 | .0 | 0 | | 8 | 4 | 2 |
| CANOE BROOK | 85.4 | 58.5 | 72.0 | - 1.0 | 95 | 10 | 44 | 5 | 3 | 7 | 0 | 0 | 0 | 6.03 | 1.48 | 2.09 | 31 | .0 | 0 | | 7 | 5 | 2 |
| CHARLOTTEBURG | 81.2 | 57.4 | 69.3 | - 1.6 | 90 | 9 | 48 | 5 | 3 | 1 | 0 | 0 | 0 | 5.44 | .71 | 1.44 | 27 | .0 | 0 | | 7 | 4 | 2 |
| CRANFORD | 85.8 | 62.4 | 74.1 | | 94 | 8 | 51 | 5 | 0 | 7 | 0 | 0 | 0 | 7.26 | | 3.16 | 30 | .0 | 0 | | 9 | 5 | 1 |
| ESSEX FELLS SERV BLDG | 85.2 | 60.0 | 72.6 | | 94 | 9+ | 52 | 21+ | 0 | 8 | 0 | 0 | 0 | 5.29 | | 1.70 | 30 | .0 | 0 | | 8 | 3 | 2 |
| FLEMINGTON 1 NE | 86.0 | 57.2 | 71.6 | - 3.8 | 96 | 9 | 46 | 5 | 5 | 8 | 0 | 0 | 0 | 5.58 | 1.06 | 1.80 | 31 | .0 | 0 | | 8 | 6 | 1 |
| HIGH POINT PARK | 79.3 | 59.5 | 69.4 | | 87 | 10 | 51 | 3 | 6 | 0 | 0 | 0 | 0 | 3.03 | | 1.06 | 30 | .0 | 0 | | 8 | 1 | 1 |
| JERSEY CITY | 82.6 | 68.3 | 75.5 | .2 | 95 | 8 | 61 | 21+ | 0 | 5 | 0 | 0 | 0 | 5.52 | 1.35 | 2.10 | 19 | .0 | 0 | | 3 | 3 | 3 |
| LAMBERTVILLE | 87.1 | 62.0 | 74.6 | - .2 | 96 | 8 | 50 | 5 | 0 | 6 | 0 | 0 | 0 | 5.86 | 1.35 | 2.29 | 30 | .0 | 0 | | 8 | 4 | 2 |
| LITTLE FALLS | 85.4 | 61.7 | 73.6 | - 1.2 | 96 | 9 | 53 | 21 | 0 | 6 | 0 | 0 | 0 | 6.17 | 1.63 | 1.75 | 20 | .0 | 0 | | 8 | 5 | 3 |
| LONG VALLEY | 81.8 | 57.8 | 69.8 | | 91 | 9 | 47 | 5 | 6 | 1 | 0 | 0 | 0 | 6.98 | 1.78 | 2.56 | 20 | .0 | 0 | | 10 | 4 | 1 |
| MORRIS PLAINS 1 W | 84.6 | 58.0 | 71.3 | | 94 | 9 | 47 | 5 | 2 | 5 | 0 | 0 | 0 | 5.19 | | 1.85 | 20 | .0 | 0 | | 8 | 3 | 2 |
| NEWARK WSO R | 86.2 | 69.3 | 77.8 | 1.5 | 96 | 9+ | 63 | 21+ | 0 | 7 | 0 | 0 | 0 | 6.98 | 3.31 | 3.01 | 30 | .0 | 0 | | 8 | 6 | 2 |
| NEWTON | 84.1 | 56.5 | 70.3 | - 1.9 | 92 | 9+ | 46 | 21 | 8 | 3 | 0 | 0 | 0 | 3.09 | - 1.78 | .92 | 2 | .0 | 0 | | 8 | 2 | 0 |
| PATERSON | 86.5 | 64.5M | 75.5M | - .2 | 96 | 9+ | 53 | 13 | 0 | 8 | 0 | 0 | 0 | 6.02 | 1.39 | 1.46 | 19 | .0 | 0 | | 9 | 5 | 2 |
| PHILLIPSBURG | 85.5 | 58.6 | 72.1 | - 2.2 | 95 | 9 | 50 | 21+ | 3 | 6 | 0 | 0 | 0 | 4.07 | - 1.22 | .85 | 20 | .0 | 0 | | 9 | 3 | 0 |
| PLAINFIELD | 85.7 | 62.0 | 73.9 | - 1.0 | 95 | 8 | 50 | 5 | 0 | 7 | 0 | 0 | 0 | 7.80 | 3.19 | 2.88 | 30 | .0 | 0 | | 10 | 5 | 2 |
| SOMERVILLE 3 NW | 85.5 | 58.5 | 72.0 | - 2.6 | 95 | 9 | 48 | 5 | 2 | 7 | 0 | 0 | 0 | 6.15 | 1.41 | 2.71 | 31 | .0 | 0 | | 8 | 5 | 1 |
| SUSSEX 1 SE | 83.1 | 55.6 | 69.4 | - 3.5 | 93 | 9 | 47 | 21+ | 7 | 3 | 0 | 0 | 0 | 2.52 | - 2.55 | .39 | 20+ | .0 | 0 | | 8 | 0 | 0 |
| DIVISION | | | 72.3 | - 1.7 | | | | | | | | | | 5.36 | .71 | | | .0 | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 81.6 | 62.4 | 72.0 | - 3.1 | 91 | 8 | 49 | 13+ | 4 | 1 | 0 | 0 | 0 | 3.65 | - .07 | 1.32 | 19 | .0 | 0 | | 6 | 3 | 1 |
| AUDUBON | 87.8 | 65.1 | 76.5 | | 98 | 8 | 53 | 5 | 0 | 10 | 0 | 0 | 0 | 4.32 | | 1.94 | 30 | .0 | 0 | | 8 | 2 | 1 |
| BELLEPLAIN ST FOREST | 87.4 | 62.7 | 75.1 | | 97 | 8 | 45 | 5 | 1 | 11 | 0 | 0 | 0 | 2.41 | - 2.43 | 1.21 | 30 | .0 | 0 | | 5 | 1 | 1 |
| BURLINGTON | 87.3M | M | M | | 96 | 8 | | | | | 0 | 0 | 0 | 6.34 | 2.10 | 3.10 | 30 | .0 | 0 | | 5 | 4 | 2 |
| CHATSWORTH | 87.0 | 61.4 | 74.2 | | 97 | 8 | 47 | 13+ | 0 | 8 | 0 | 0 | 0 | 2.19 | | 1.12 | 31 | .0 | 0 | | 5 | 2 | 1 |
| FREEHOLD | 84.5 | 61.5 | 73.0 | - 1.9 | 92 | 10+ | 50 | 5 | 0 | 5 | 0 | 0 | 0 | 3.19 | - 1.05 | .80 | 2 | .0 | 0 | | 8 | 3 | 0 |
| GLASSBORO | 86.5 | 64.7 | 75.6 | | 96 | 9 | 51 | 5 | 0 | 8 | 0 | 0 | 0 | 1.30 | | .32 | 30 | .0 | 0 | | 6 | 0 | 0 |
| HAMMONTON 2 NNE | 86.9 | 61.5 | 74.2 | - 1.9 | 98 | 9 | 47 | 5 | 0 | 10 | 0 | 0 | 0 | 2.97 | - 1.59 | 1.06 | 20 | .0 | 0 | | 7 | 2 | 1 |
| HIGHTSTOWN 1 N | 85.6 | 62.6 | 74.1 | - .7 | 96 | 8 | 50 | 5 | 0 | 6 | 0 | 0 | 0 | 6.08 | 1.62 | 2.50 | 30 | .0 | 0 | | 10 | 4 | 1 |
| INDIAN MILLS 2 W | 86.0 | 61.1 | 73.6 | - 1.1 | 95 | 8 | 44 | 5 | 0 | 6 | 0 | 0 | 0 | 2.45 | - 1.82 | .85 | 30 | .0 | 0 | | 5 | 3 | 0 |
| MILLVILLE FAA AIRPORT | 85.0 | 65.0 | 75.0 | | 95 | 8 | 51 | 5 | 0 | 7 | 0 | 0 | 0 | 3.45 | | 1.95 | 19 | .0 | 0 | | 4 | 3 | 1 |
| MOORESTOWN | 86.8 | 63.4 | 75.1 | .0 | 97 | 9 | 48 | 5 | 0 | 9 | 0 | 0 | 0 | 4.38 | .21 | 2.71 | 31 | .0 | 0 | | 6 | 2 | 1 |
| NEW BRUNSWICK | 84.0 | 63.0 | 73.5 | - 1.5 | 94 | 9 | 52 | 5 | 0 | 6 | 0 | 0 | 0 | 6.05 | 1.52 | 2.96 | 31 | .0 | 0 | | 7 | 5 | 1 |
| PEMBERTON 3 E | 87.0 | 60.8 | 73.9 | - 1.6 | 97 | 8 | 46 | 5 | 0 | 7 | 0 | 0 | 0 | 2.88 | - 1.77 | .65 | 2 | .0 | 0 | | 8 | 3 | 0 |
| SEABROOK FARMS | 86.0 | 64.4 | 75.2 | | 96 | 9 | 49 | 5 | 0 | 7 | 0 | 0 | 0 | 4.79 | | 1.80 | 31 | .0 | 0 | | 6 | 3 | 2 |
| SHILOH | 85.7 | 64.6 | 75.2 | - 1.2 | 95 | 8 | 50 | 5 | 0 | 6 | 0 | 0 | 0 | 4.97 | .68 | 1.92 | 19 | .0 | 0 | | 8 | 3 | 2 |
| TOMS RIVER | 84.8 | 61.9 | 73.4 | | 95 | 9 | 50 | 13+ | 3 | 7 | 0 | 0 | 0 | 2.52 | | .85 | 2 | .0 | 0 | | 5 | 2 | 0 |
| TRENTON WSO R | 84.1 | 66.5 | 75.3 | - .7 | 94 | 8 | 56 | 5 | 0 | 4 | 0 | 0 | 0 | 4.90 | .72 | 2.49 | 30 | .0 | 0 | | 8 | 4 | 1 |
| TUCKERTON | 84.1 | 63.7 | 73.9 | | 98 | 8 | 50 | 4 | 1 | 3 | 0 | 0 | 0 | 2.95 | | 1.22 | 19 | .0 | 0 | | 6 | 2 | 1 |
| WOODSTOWN | 87.0M | 62.7M | 74.9M | | 96 | 8 | 47 | 5 | 0 | | 0 | 0 | 0 | 2.61 | | 1.03 | 30 | .0 | 0 | | 5 | 3 | 1 |
| DIVISION | | | 74.4 | - 1.0 | | | | | | | | | | 3.72 | - .65 | | | .0 | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 77.5 | 66.2 | 71.9 | - 2.3 | 89 | 8 | 58 | 12+ | 0 | 0 | 0 | 0 | 0 | 4.20 | .34 | 1.75 | 19 | | | | 8 | 3 | 1 |
| CAPE MAY 1 NW | 82.2M | 66.4M | 74.3M | | 91 | 9 | 55 | 4 | 0 | 1 | 0 | 0 | 0 | 3.17 | | 1.71 | 30 | .0 | 0 | | 6 | 1 | 1 |
| LONG BRANCH 2 S | 82.3 | 64.9 | 73.6 | - .8 | 92 | 9+ | 54 | 5 | 0 | 3 | 0 | 0 | 0 | 4.35 | .10 | 1.57 | 2 | .0 | 0 | | 8 | 3 | 2 |
| SANDY HOOK | | | | | | | | | | | | | | | | | | | | | | | |
| DIVISION | | | 73.3 | - 1.3 | | | | | | | | | | 3.91 | .03 | | | .0 | | | | | |

## EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>3 STATIONS | 98 | DATE | 09+ |
| LOWEST TEMPERATURE<br>2 STATIONS | 44 | DATE | 05 |
| GREATEST TOTAL PRECIPITATION<br>MIDLAND PARK | 7.88 | | |
| LEAST TOTAL PRECIPITATION<br>GLASSBORO | 1.30 | | |
| GREATEST 1 DAY PRECIPITATION<br>RAHWAY | 3.55 | DATE | 30 |

See Reference Notes Following Station Index

# DAILY PRECIPITATION

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 2.41 | | .31 | | | | | T | | | .33 | | .03 | | .25 | | | .10 | .15 | T | .38 | | | | | .15 | | .25 | | | .23 | .23 |
| BERNARDSVILLE 2 E | 5.47 | | .24 | | | | | | | | .01 | | .02 | | .14 | | | T | .08 | T | .94 | | | | | .91 | .28 | .23 | | | .64 | 1.98 |
| BLACKWELLS MILLS | 6.22 | | .48 | | | | | | | | T | | .12 | | .25 | | | | T | .05 | .66 | | | | | .57 | | .14 | | | .85 | 3.10 |
| BOONTON 1 SE | 5.71 | | .30 | | | | | | | | | | .02 | | .40 | | | .08 | .02 | | 1.89 | | | | | .27 | .60 | .14 | | | .79 | 1.20 |
| BOUND BROOK 2 W | 6.49 | | .55 | | | | | | | | | | .08 | | .25 | | | | | T | .73 | | | | | .61 | | | | | 1.40 | 2.87 |
| BRANCHVILLE | 2.50 | .01 | .27 | | | | | | | | | | T | | .52 | | | .23 | .42 | T | .28 | | | | | .30 | | .08 | | | .24 | .15 |
| CANISTEAR RESERVOIR | 4.63 | | .58 | | | | | | | | | | T | | .18 | T | | .04 | .14 | .12 | .41 | | | | | .22 | T | 1.11 | | | .73 | 1.10 |
| CANOE BROOK | 6.03 | | .56 | | | | | | | | | | .02 | | .18 | | | .03 | .05 | T | .40 | | | | | .84 | T | .68 | | | 1.18 | 2.09 |
| CHARLOTTEBURG | 5.44 | | .42 | | | | | | | | | | T | | .22 | T | | .05 | .09 | .05 | .93 | | | | | .23 | T | 1.44 | | | .83 | 1.18 |
| CRANFORD | 7.26 | .24 | .91 | | | | | | | T | .02 | .01 | .02 | | .28 | | | T | .03 | .31 | .58 | | | | | .78 | .08 | | | .24 | 3.16 | .60 |
| ESSEX FELLS SERV BLDG | 5.29 | | .18 | | | | | | | | | | .04 | | .33 | | | | .05 | .04 | .72 | | | | | .40 | .43 | .37 | | | 1.70 | 1.03 |
| FLEMINGTON 1 NE | 5.58 | | .58 | | | | | | | | .52 | | .10 | | .27 | | | .01 | | .05 | .65 | | | | | .55 | T | .05 | | | .80 | 1.80 |
| GREENWOOD LAKE | 5.26 | | .80 | | | | | | | | | | .02 | | .22 | | | | .25 | .08 | .56 | | | | | .18 | | .98 | | | 1.17 | 1.00 |
| HIGH POINT PARK | 3.03 | .06 | .35 | T | | | | | | | T | | | | .28 | .01 | | | .48 | .11 | .30 | | | | | .14 | .02 | | | | 1.06 | .22 |
| JERSEY CITY | 5.52 | 1.40 | | | | | | | | | | | | | T | | | | | 2.10 | .05 | | | | | T | T | | | | 1.97 | T |
| LAMBERTVILLE | 5.86 | T | .51 | | | | | | | T | 1.32 | .15 | T | | .24 | | T | .02 | | .21 | .02 | | | | | .60 | .02 | .01 | | .03 | 2.29 | .44 |
| LITTLE FALLS | 6.17 | | .24 | | | | | | | | | | .01 | | .28 | | | T | .06 | | 1.75 | | | | | .23 | .64 | .68 | | | 1.08 | 1.20 |
| LONG VALLEY | 6.98 | | .80 | | | | | | | | .72 | | | | .31 | | | .37 | .10 | | 2.56 | | | | | .45 | .01 | .43 | | | .90 | .33 |
| MAHWAH | 4.77 | | .48 | | | | | | | | | | | | .25 | | | | .09 | .08 | .93 | | | | | .23 | | 1.06 | | | .80 | .85 |
| MIDLAND PARK | 7.88 | .57 | | | | | | | | | | .01 | | | .40 | | | .18 | | 1.57 | | | | | | .27 | 2.78 | .30 | | .36 | 1.02 | .42 |
| MILTON | 5.35 | | 1.15 | | | | | | | | | | | | .31 | | | .08 | .12 | .33 | .28 | | | | | .18 | .08 | .80 | | | .87 | 1.15 |
| MORRIS PLAINS 1 W | 5.19 | | .54 | | | | | | | | .08 | | .02 | | .32 | | | .01 | .08 | | 1.85 | | | | | .31 | .18 | .12 | | T | .40 | 1.28 |
| NEWARK WSO R | 6.98 | 1.22 | | | | | | | | | | .01 | | | .20 | | | .04 | | .72 | | | | | T | .50 | .51 | | | .52 | 3.01 | .25 |
| NEW MILFORD | 5.16 | .30 | | | | | | | | | | | | | .31 | | | .02 | | 1.57 | .02 | | | | | .20 | .33 | | | 1.14 | 1.02 | .25 |
| NEWTON | 3.09 | .04 | .92 | | | | | | | | | T | | | .52 | | | .25 | .14 | .04 | .39 | | | | | .20 | | .07 | | | .27 | .25 |
| OAK RIDGE RESERVOIR | 4.69 | | 1.03 | | | | | | | | | | .03 | | .31 | | | .04 | .14 | .03 | .52 | | | | | .22 | .22 | .41 | | | .64 | 1.10 |
| PATERSON | 6.02 | | .62 | | | | | | | | | T | | | .38 | | T | .05 | | 1.46 | | | | | | .33 | .63 | .15 | | .70 | 1.31 | .39 |
| PHILLIPSBURG | 4.07 | | .21 | | | | | | | | | | .08 | | .32 | | | .22 | .20 | | .85 | | | | | .84 | .03 | .65 | | | .29 | .38 |
| PLAINFIELD | 7.80 | 1.10 | .17 | | | | | | | .05 | .02 | .10 | | | .21 | | | .01 | | .36 | .41 | | | | | .66 | | | | .87 | 2.88 | .96 |
| POTTERSVILLE 2 NNW | 6.05 | | .76 | | | | | | | | .10 | | .13 | | .23 | | | .04 | .15 | | 1.82 | | | | | .91 | .14 | .12 | | T | .47 | 1.18 |
| RAHWAY | 7.22 | .95 | | | | | | | | .05 | | .06 | | | .15 | | | | | .77 | | | | | .75 | | .22 | | | .42 | 3.55 | .30 |
| RINGWOOD | 5.30 | | .68 | | | | | | | | | | | | .41 | | | | .04 | .80 | .28 | | | | | .19 | .25 | .60 | | | 1.60 | .45 |
| SOMERVILLE 3 NW | 6.15 | | .55 | | | | | | | | .01 | | .06 | | .47 | | | | .10 | .02 | .73 | | | | | .71 | T | .24 | | | .55 | 2.71 |
| SPLIT ROCK POND | 3.81 | | .17 | | | | | | | | | | | | .03 | | | | .19 | | 1.65 | | | | | | | .30 | | | 1.02 | .45 |
| SUSSEX 1 SE | 2.52 | T | .29 | | | | | | | | | | .02 | | .31 | | | .21 | .39 | .06 | .39 | | | | | .35 | | .06 | | | .23 | .21 |
| WANAQUE RAYMOND DAM | 5.74 | | .40 | | | | | | | | | | T | | .23 | | | T | .06 | .01 | 1.29 | | | | | .20 | 1.12 | .54 | | | 1.03 | .86 |
| WERTSVILLE | 7.05 | | .58 | | | | | | | | .57 | | .13 | | .19 | | | | .03 | .07 | .62 | | | | | 1.00 | .01 | .22 | | | .66 | 2.97 |
| WEST WHARTON | 4.83 | | .18 | | | | | .06 | | | | | .01 | | .45 | | | .18 | .08 | | 1.69 | | | | | .28 | .14 | .02 | | .08 | .33 | 1.33 |
| WOODCLIFF LAKE | 7.52 | .48 | | | | | .58 | | | | | | | | .35 | | .01 | .16 | .02 | 1.82 | .09 | | | | | .25 | 1.48 | .31 | | .72 | .99 | .26 |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 3.65 | .84 | .05 | | | | .68 | T | | | .03 | .13 | | | T | | | | | 1.32 | | | | | | T | .01 | .03 | | .25 | .30 | .01 |
| AUDUBON | 4.32 | .24 | .18 | | | | | | | .23 | | .09 | | | | | | T | | .25 | | | | | T | | .66 | | | .33 | 1.94 | .40 |
| BASS RIVER ST FOREST | 1.59 | | | | | | | | | | | | | | | | | | | .49 | .52 | | | | | | | .03 | | | .46 | .09 |
| BELLEPLAIN ST FOREST | 2.41 | | .06 | | | | | .01 | | | .02 | .32 | | | | | | | | .05 | .10 | | | | | .01 | .36 | | | | 1.21 | .27 |
| BURLINGTON | 6.34 | | .64 | | | | | | | | .01 | .05 | .04 | | | | .08 | | | | .38 | | | | | .01 | .65 | | | | 3.10 | 1.38 |
| CANTON | 3.17 | | .11 | | | | | | | | .09 | | .14 | | .05 | | | | .01 | | | | | | | | | .04 | | | 1.10 | 1.63 |
| CHATSWORTH | 2.19 | | | | | | | | | | .16 | | | | | | | | | .16 | .13 | | | | | | | .62 | | | | 1.12 |
| FORTESCUE | 2.67 | | .17 | | | | | | | | | | .60 | | | | | | | .36 | .27 | | | | | | | .27 | | | 1.00 | |
| FREEHOLD | 3.19 | | .80 | | | | | | | | .09 | | .20 | | .15 | | | | .03 | .09 | .16 | | | | | .46 | | .12 | | | .54 | .55 |
| GLASSBORO | 1.30 | .29 | | | | | | | | | .15 | .20 | | | | | | | T | .23 | | | | | | | .01 | | | .10 | .32 | |
| HAMMONTON 2 NNE | 2.97 | | .24 | | | | | | | | .13 | | .15 | | | | | | | .45 | 1.06 | | | | | | .56 | T | | | .06 | .32 |
| HIGHTSTOWN 1 N | 6.08 | .01 | .21 | | | | T | | | .77 | .02 | .14 | .03 | | .16 | | | .01 | | .12 | .75 | | | | | .32 | .11 | | | .05 | 2.50 | .88 |
| INDIAN MILLS 2 W | 2.45 | T | .67 | | | | | | | | .03 | .11 | T | | | | | T | | .60 | | | | | | T | T | | | T | .85 | .19 |
| MAYS LANDING 1 W | 2.22 | | .14 | .06 | | | | T | | | | | .13 | | | | | | | .52 | .56 | | | | | | | .01 | | | .75 | .05 |
| MILLVILLE FAA AIRPORT | 3.45 | T | T | | | | T | | | .02 | | .19 | | | | | T | | | 1.95 | | | | | T | T | .03 | | | .50 | .70 | .06 |
| MOORESTOWN | 4.38 | | .28 | | | | | | | | .16 | | .06 | | | | | | | .28 | | | | | | | | .17 | | | .72 | 2.71 |
| NEW BRUNSWICK | 6.05 | | .62 | | | | | | | | .62 | | .07 | | .12 | | | T | .06 | .04 | .50 | | | | | .42 | | .02 | | | .62 | 2.96 |
| PEMBERTON 3 E | 2.88 | | .65 | | | | | | | | .56 | T | .11 | | | | | | T | .20 | .41 | | | | | | .14 | | | | .57 | .24 |
| PRINCETON WATER WORKS | 5.79 | | .04 | | | | | | | .45 | .45 | .18 | | | .45 | | | .04 | | .41 | | | | | T | .11 | .24 | | | .45 | 2.75 | .22 |
| SEABROOK FARMS | 4.79 | | .01 | .09 | | | | T | | | .11 | | .21 | | .04 | | | .03 | | .07 | 1.73 | T | | | T | .01 | | .12 | | | .57 | 1.80 |
| SHILOH | 4.97 | | .08 | | | | | | | | .45 | .15 | .06 | | .11 | | | | | 1.92 | | | | | | | .16 | .02 | | .16 | .51 | 1.35 |
| TOMS RIVER | 2.52 | | .85 | .04 | | | | | | | | | .15 | | | | | | | .06 | .33 | | | | | T | | .02 | | | .25 | .82 |
| TRENTON WSO R | 4.90 | .50 | .02 | | | | | | | .10 | | .10 | | | T | | | .03 | | .59 | | | | | | .15 | .05 | | | .61 | 2.49 | .26 |
| TUCKERTON | 2.95 | | .57 | | | | T | .01 | | | .43 | .16 | | | | | | T | T | 1.22 | | | | | | | .15 | | | T | .40 | .01 |
| WOODSTOWN | 2.61 | | .02 | | | | | | | | | .24 | | | .01 | | T | | | .13 | | | | | | .02 | | .65 | | T | 1.03 | .51 |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 4.20 | .11 | .05 | | | | .05 | | | .02 | .04 | .21 | | | | | | | | 1.75 | | | | | .22 | .01 | .74 | .54 | | .25 | .20 | .01 |
| CAPE MAY 1 NW | 3.17 | | T | .42 | | | | .13 | | | .08 | | .48 | | | | | | | .13 | .04 | | | | | .14 | | T | | | 1.71 | .04 |
| LONG BRANCH 2 S | 4.35 | | 1.57 | | | | T | | | | T | .15 | .09 | | .24 | | | | .03 | .66 | .13 | | | | | .06 | T | .10 | | T | 1.12 | .20 |
| SANDY HOOK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent Standard of Time EASTERN | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WSO | 21 | 3.7 | 9.5 | 25++ | 19 | 29 | 92 | 89 | 58 | 75 | 3 | 5 | 3 | 2 | 1 | 0 | 14 | 64 | 6.0 |
| ATLANTIC CITY | - | - | - | 25 | S | 01 | - | - | - | - | 0 | 6 | 5 | 2 | 1 | 0 | 14 | - | - |
| NEWARK WSO | 23 | 3.3 | 9.2 | 32++ | 24 | 01 | 70 | 68 | 46 | 56 | 1 | 2 | 2 | 4 | 1 | 1 | 11 | - | 5.9 |
| TRENTON WSO | - | - | - | 30 | NW | 09 | - | - | - | - | 1 | 3 | 4 | 3 | 0 | 1 | 12 | 68 | 5.4 |

See reference notes following Station Index.

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1970 - 1971

NEW JERSEY

| Station | | JULY | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | |
| BELVIOERE | SNOWFALL | | | | | | 7.4 | 15.4 | 9.3 | 6.1 | 1.5 | | | 39.7 | |
| | 1 IN ON GD | | | | | | 12 | 31 | 18 | 5 | 1 | | | 67 | |
| BERNAROSVILLE 2 E | SNOWFALL | | | | | | 1.5 | 15.5 | 1.0 | 1.0 | 1.0 | | | 20.0 | |
| | 1 IN ON GD | | | | | | B | 31 | 2 | 1 | 1 | | | 43 | |
| BLACKWELLS MILLS | SNOWFALL | | | | | | - | 10.0 | - | - | - | | | - | |
| | 1 IN ON GD | | | | | | - | - | - | - | - | | | - | |
| BOONTON 1 SE | SNOWFALL | | | | | | 12.5 | - | 4.5 | 7.0 | T | | | - | |
| | 1 IN ON GD | | | | | | - | - | 2 | - | | | | - | |
| BOUND BROOK 2 W | SNOWFALL | | | | | | 1.5 | 12.3 | .3 | 2.5 | 1.0 | | | 17.6 | |
| | 1 IN ON GD | | | | | | 1 | - | | - | 1 | | | - | |
| BRANCHVILLE | SNOWFALL | | | | | | 10.5 | 18.0 | 12.0 | 8.0 | 2.0 | | | 50.5 | |
| | 1 IN ON GD | | | | | | 20 | - | 28 | 16 | 1 | | | - | |
| CANISTEAR RESERVOIR | SNOWFALL | | | | | | 10.6 | 12.7 | 4.5 | 3.8 | 7.3 | | | 38.9 | |
| | 1 IN ON GD | | | | | | - | - | - | - | 1 | | | - | |
| CANOE BROOK | SNOWFALL | | | | | | 4.2 | 15.0 | .5 | 1.0 | 2.5 | | | 23.2 | |
| | 1 IN ON GD | | | | | | 12 | 31 | 14 | 3 | 1 | | | 61 | |
| CHARLOTTEBURG | SNOWFALL | | | | | | 10.1 | 14.3 | 6.8 | 5.5 | 4.5 | | | 41.2 | |
| | 1 IN ON GO | | | | | | 16 | 31 | 23 | - | 2 | | | - | |
| CRANFORO | SNOWFALL | | | | | | 3.1 | 17.3 | .8 | 3.2 | 2.0 | | | 26.4 | |
| | 1 IN ON GD | | | | | | 10 | 27 | | | | | | 37 | |
| ESSEX FELLS SERV BLOG | SNOWFALL | | | | | | - | 16.0 | - | 3.5 | 2.0 | | | - | |
| | 1 IN ON GD | | | | | | 11 | - | 5 | 3 | | | | - | |
| FLEMINGTON 1 NE | SNOWFALL | | | | | | 5.9 | 1B.2 | 2.4 | 12.6 | | | | 39.1 | |
| | 1 IN ON GD | | | | | | 10 | 31 | 7 | 5 | | | | 53 | |
| GREENWOOD LAKE | SNOWFALL | | | | | | 1B.5 | 15.0 | 9.5 | 17.0 | 9.0 | | | 69.0 | |
| | 1 IN ON GD | | | | | | 17 | - | 28 | 10 | 3 | | | - | |
| HIGH POINT PARK | SNOWFALL | | | | T | T | - | 13.8 | 10.7 | 18.9 | 3.5 | | | - | |
| | 1 IN ON GD | | | | | | - | - | - | - | 1 | | | - | |
| JERSEY CITY | SNOWFALL | | | | | | - | - | - | T | | | | - | |
| | 1 IN ON GO | | | | | | - | - | - | | | | | - | |
| LAMBERTVILLE | SNOWFALL | | | | | | 1.0 | 11.5 | T | 4.0 | 3.0 | | | 19.5 | |
| | 1 IN ON GO | | | | | | 9 | 31 | 4 | 3 | | | | 47 | |
| LITTLE FALLS | SNOWFALL | | | | | | 17.8 | 16.4 | 2.0 | 17.0 | .5 | | | 53.7 | |
| | 1 IN ON GD | | | | | | 14 | 31 | 12 | 4 | 1 | | | 62 | |
| LONG VALLEY | SNOWFALL | | | | | | 9.0 | 20.0 | .5 | 5.5 | 4.0 | | | 39.0 | |
| | 1 IN ON GO | | | | | | - | - | - | - | 1 | | | - | |
| MAHWAH | SNOWFALL | | | | | | 10.0 | 14.0 | 5.0 | 5.0 | 2.0 | | | 36.0 | |
| | 1 IN ON GD | | | | | | - | - | - | - | 1 | | | - | |
| MIDLANO PARK | SNOWFALL | | | | | | - | - | 9.1 | 9.0 | 4.0 | | | - | |
| | 1 IN ON GD | | | | | | - | - | | | | | | - | |
| MILTON | SNOWFALL | | | | | | - | - | - | - | - | | | - | |
| | 1 IN ON GO | | | | | | - | - | - | - | - | | | - | |
| MORRIS PLAINS 1 W | SNOWFALL | | | | | T | 10.0 | 17.5 | 3.8 | 7.5 | 2.0 | | | 40.8 | |
| | 1 IN ON GD | | | | | | 16 | 30 | 7 | 6 | 1 | | | 60 | |
| NEWARK WSO | SNOWFALL | | | | | | 2.9 | 13.2 | 1.1 | 4.2 | 2.2 | | | 23.6 | |
| | 1 IN ON GD | | | | | | 6 | - | | 1 | | | | - | |
| NEW MILFORD | SNOWFALL | | | | | | - | - | - | - | - | | | - | |
| | 1 IN ON GO | | | | | | - | - | - | - | - | | | - | |
| NEWTON | SNOWFALL | | | | | | B.3 | 18.0 | 9.1 | 6.0 | 4.0 | | | 45.4 | |
| | 1 IN ON GO | | | | | | 19 | 31 | 27 | 9 | 2 | | | BB | |
| OAK RIDGE RESERVOIR | SNOWFALL | | | | | | 11.9 | 15.5 | - | 6.B | 9.0 | | | - | |
| | 1 IN ON GD | | | | | | - | - | - | - | 1 | | | - | |

See Reference Notes Following Station Index

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1970 - 1971

NEW JERSEY

| Station | | JULY | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PATERSON | SNOWFALL | | | | | | 6.4 | 12.8 | .8 | 4.5 | 1.8 | | | 26.3 |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| PHILLIPSBURG | SNOWFALL | | | | | | 2.0 | 8.0 | - | 6.0 | | | | - |
| | 1 IN ON GD | | | | | | 5 | 4 | - | 2 | | | | - |
| PLAINFIELD | SNOWFALL | | | | | | 3.0 | 14.5 | 1.0 | 4.5 | 2.5 | | | 25.5 |
| | 1 IN ON GD | | | | | | 10 | 31 | 12 | 2 | 1 | | | 56 |
| POTTERSVILLE 2 NNW | SNOWFALL | | | | | | 6.0 | 13.3 | 4.2 | 5.2 | 4.0 | | | 32.7 |
| | 1 IN ON GD | | | | | | 14 | 31 | 21 | 4 | 2 | | | 72 |
| RAHWAY | SNOWFALL | | | | | | 2.1 | 11.0 | .1 | 2.2 | 1.9 | | | 17.3 |
| | 1 IN ON GD | | | | | | 5 | 10 | | 2 | 2 | | | 19 |
| RINGWOOD | SNOWFALL | | | | | | 9.0 | 12.5 | 2.5 | 6.0 | - | | | - |
| | 1 IN ON GD | | | | | | 15 | - | 14 | 5 | 1 | | | - |
| SOMERVILLE 3 NW | SNOWFALL | | | | | | 2.5 | 13.2 | 1.0 | 3.0 | 3.0 | | | 22.7 |
| | 1 IN ON GD | | | | | | 9 | 31 | 13 | 3 | 1 | | | 57 |
| SPLIT ROCK POND | SNOWFALL | | | | | | - | - | - | - | - | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | - | | | - |
| SUSSEX 1 SE | SNOWFALL | | | | | | - | - | - | 9.5 | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |
| WANAQUE RAYMOND DAM | SNOWFALL | | | | | | 6.0 | 16.5 | 2.5 | 3.8 | - | | | - |
| | 1 IN ON GD | | | | | | 13 | 31 | 4 | 3 | 1 | | | 52 |
| WERTSVILLE | SNOWFALL | | | | | | - | - | - | - | - | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | - | | | - |
| WEST WHARTON | SNOWFALL | | | | | | 9.1 | 8.0 | - | 7.5 | 6.0 | | | - |
| | 1 IN ON GD | | | | | | 10 | - | 15 | 5 | 3 | | | - |
| WOODCLIFF LAKE | SNOWFALL | | | | | | - | - | - | - | - | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | - | | | - |
| * * * | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | SNOWFALL | | | | | | 1.4 | 7.2 | 1.9 | .9 | T | | | 11.4 |
| | 1 IN ON GD | | | | | | | 6 | 1 | | | | | 7 |
| AUDUBON | SNOWFALL | | | | T | | T | 5.5 | T | 2.0 | 2.0 | | | 9.5 |
| | 1 IN ON GD | | | | | | | 4 | | | 1 | | | 5 |
| BASS RIVER ST FOREST | SNOWFALL | | | | | | | - | | | - | | | - |
| | 1 IN ON GD | | | | | | | - | | | - | | | - |
| BELLEPLAIN ST FOREST | SNOWFALL | | | | | | .5 | 3.5 | 1.3 | 2.0 | | | | 7.3 |
| | 1 IN ON GD | | | | | | | 5 | 1 | | | | | 6 |
| BURLINGTON | SNOWFALL | | | | | | - | - | T | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | | - | | | | - |
| CANTON | SNOWFALL | | | | | | | - | - | T | T | | | - |
| | 1 IN ON GD | | | | | | | - | - | | | | | - |
| CHATSWORTH | SNOWFALL | | | | | | | - | - | | | | | - |
| | 1 IN ON GD | | | | | | | - | - | | | | | - |
| FORTESCUE | SNOWFALL | | | | | | | - | | | | | | - |
| | 1 IN ON GD | | | | | | | - | | | | | | - |
| FREEHOLD | SNOWFALL | | | | | | .5 | 6.3 | .5 | 2.0 | 2.5 | | | 11.8 |
| | 1 IN ON GD | | | | | | 1 | 5 | | 1 | 1 | | | 8 |
| GLASSBORO | SNOWFALL | | | | | | T | - | .9 | .5 | - | | | - |
| | 1 IN ON GD | | | | | | | - | 1 | 1 | 1 | | | - |
| HAMMONTON 2 NNE | SNOWFALL | | | | | | | 6.0 | | 1.0 | | | | 7.0 |
| | 1 IN ON GD | | | | | | | - | | - | | | | - |
| HIGHTSTOWN 1 N | SNOWFALL | | | | | | 2.1 | 12.0 | .6 | 4.9 | 4.0 | | | 23.6 |
| | 1 IN ON GD | | | | | | 2 | 11 | | 1 | | | | 14 |
| INDIAN MILLS 2 W | SNOWFALL | | | | | | .9 | 6.2 | 1.0 | 4.4 | 2.0 | | | 14.5 |
| | 1 IN ON GD | | | | | | | 3 | | | | | | 3 |

See Reference Notes Following Station Index

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1970 - 1971

NEW JERSEY

| Station | | JULY | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAYS LANDING 1 W | SNOWFALL | | | | | | .2 | 2.8 | 2.6 | .5 | | | | 6.1 |
| | 1 IN ON GD | | | | | | | 4 | 1 | 1 | | | | 6 |
| MILLVILLE FAA AIRPORT | SNOWFALL | | | | | | 3.0 | 2.0 | .5 | T | T | | | 5.5 |
| | 1 IN ON GD | | | | | | | 4 | | | | | | 4 |
| MOORESTOWN | SNOWFALL | | | | | | 2.0 | 6.0 | T | - | - | | | - |
| | 1 IN ON GD | | | | | | 1 | 1 | | 3 | 1 | | | 6 |
| NEW BRUNSWICK | SNOWFALL | | | | | | 3.1 | 11.8 | .7 | 2.4 | 5.0 | | | 23.0 |
| | 1 IN ON GC | | | | | | 10 | 16 | 1 | 2 | 1 | | | 30 |
| PEMBERTON 3 E | SNOWFALL | | | | | | 1.7 | 4.5 | .2 | 3.5 | 2.0 | | | 11.9 |
| | 1 IN ON GD | | | | | | | 5 | | 1 | | | | 6 |
| PRINCETON WATER WORKS | SNOWFALL | | | | | | - | - | | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | | - | | | | - |
| SEABROOK FARMS | SNOWFALL | | | | | | | - | | | - | | | - |
| | 1 IN ON GD | | | | | | | - | | | | | | - |
| SHILOH | SNOWFALL | | | | | | | - | - | | | | | - |
| | 1 IN ON GD | | | | | | | - | - | | | | | - |
| TOMS RIVER | SNOWFALL | | | | | | .8 | 4.3 | 1.0 | T | T | | | 6.1 |
| | 1 IN ON GD | | | | | | | 4 | 1 | | | | | 5 |
| TRENTON WSO | SNOWFALL | | | | | | 2.7 | 11.0 | 1.2 | 3.4 | 4.4 | | | 22.7 |
| | 1 IN ON GD | | | | | | 2 | 7 | | 2 | 1 | | | 12 |
| TUCKERTON | SNOWFALL | | | | | | .5 | 7.5 | 1.2 | 1.1 | T | | | 10.3 |
| | 1 IN ON GD | | | | | | | 5 | 1 | | | | | 6 |
| WOODSTOWN | SNOWFALL | | | | | | .7 | 2.5 | T | - | - | | | - |
| | 1 IN ON GD | | | | | | | 5 | 1 | 1 | - | | | - |
| * * * | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | |
| ATLANTIC CITY | SNOWFALL | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 1 IN ON GD | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CAPE MAY 1 NW | SNOWFALL | | | | | | 1.0 | T | - | | | | | - |
| | 1 IN ON GD | | | | | | - | | | | | | | - |
| LONG BRANCH 2 S | SNOWFALL | | | | | | .3 | 8.5 | .5 | 3.1 | .3 | | | 12.7 |
| | 1 IN ON GD | | | | | | | 5 | 1 | 1 | | | | 7 |
| SANDY HOOK | SNOWFALL | | | | | | - | - | - | - | | | | - |
| | 1 IN ON GD | | | | | | - | - | - | - | | | | - |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

NEW JERSEY
JULY 1971

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 86 | 91 | 81 | 81 | 81 | 84 | 86 | 89 | 92 | 89 | 84 | 68 | 80 | 80 | 81 | 81 | 82 | 85 | 80 | 77 | 75 | 81 | 84 | 83 | 82 | 84 | 83 | 80 | 83 | 85 | 75 | 82.4 |
| | MIN | 69 | 67 | 52 | 51 | 51 | 55 | 58 | 58 | 58 | 58 | 62 | 54 | 52 | 56 | 56 | 55 | 57 | 55 | 55 | 61 | 51 | 52 | 59 | 60 | 64 | 65 | 66 | 55 | 57 | 69 | 68 | 58.3 |
| BOONTON 1 SE | MAX | 88 | 90 | 83 | 84 | 84 | 85 | 86 | 89 | 93 | 90 | 87 | 75 | 85 | 82 | 81 | 84 | 83 | 85 | 83 | 78 | 78 | 83 | 84 | 83 | 82 | 85 | 83 | 82 | 79 | 80 | 71 | 83.4 |
| | MIN | 71 | 67 | 53 | 49 | 48 | 52 | 61 | 68 | 62 | 63 | 63 | 56 | 52 | 63 | 56 | 55 | 63 | 53 | 54 | 61 | 57 | 51 | 56 | 56 | 63 | 63 | 67 | 57 | 58 | 68 | 68 | 59.2 |
| CANOE BROOK | MAX | 92 | 93 | 83 | 84 | 80 | 85 | 90 | 92 | 94 | 95 | 90 | 74 | 84 | 84 | 85 | 87 | 86 | 88 | 82 | 80 | 80 | 84 | 84 | 86 | 87 | 85 | 86 | 84 | 83 | 85 | 75 | 85.4 |
| | MIN | 70 | 67 | 53 | 51 | 44 | 49 | 60 | 58 | 62 | 65 | 61 | 55 | 50 | 66 | 55 | 53 | 66 | 53 | 60 | 62 | 50 | 54 | 56 | 58 | 61 | 65 | 66 | 54 | 59 | 63 | 66 | 58.5 |
| CHARLOTTEBURG | MAX | 86 | 88 | 79 | 79 | 80 | 83 | 84 | 86 | 90 | 88 | 83 | 73 | 80 | 80 | 79 | 81 | 82 | 85 | 79 | 71 | 75 | 81 | 82 | 82 | 82 | 83 | 82 | 80 | 80 | 83 | 72 | 81.2 |
| | MIN | 69 | 65 | 54 | 52 | 48 | 52 | 58 | 59 | 62 | 62 | 64 | 57 | 50 | 53 | 55 | 53 | 61 | 55 | 51 | 59 | 51 | 51 | 56 | 60 | 60 | 61 | 64 | 52 | 51 | 66 | 68 | 57.4 |
| CRANFORD | MAX | 92 | 85 | 83 | 84 | 81 | 90 | 91 | 94 | 93 | 90 | 86 | 84 | 84 | 83 | 85 | 86 | 90 | 87 | 83 | 80 | 83 | 83 | 86 | 85 | 86 | 86 | 84 | 84 | 86 | 81 | 86 | 85.8 |
| | MIN | 75 | 69 | 60 | 52 | 51 | 57 | 64 | 65 | 67 | 68 | 66 | 58 | 52 | 67 | 56 | 57 | 67 | 55 | 61 | 62 | 55 | 55 | 59 | 61 | 68 | 66 | 72 | 58 | 70 | 69 | 71 | 62.4 |
| ESSEX FELLS SERV BLDG | MAX | 91 | 94 | 83 | 83 | 81 | 85 | 90 | 92 | 94 | 92 | 93 | 76 | 87 | 84 | 84 | 86 | 85 | 90 | 82 | 76 | 79 | 84 | 83 | 85 | 85 | 84 | 83 | 82 | 84 | 85 | 79 | 85.2 |
| | MIN | 74 | 66 | 53 | 52 | 53 | 57 | 60 | 62 | 66 | 66 | 63 | 56 | 54 | 66 | 55 | 55 | 67 | 53 | 58 | 54 | 52 | 53 | 58 | 60 | 61 | 64 | 70 | 53 | 64 | 69 | 67 | 60.0 |
| FLEMINGTON 1 NE | MAX | 93 | 94 | 83 | 83 | 85 | 88 | 90 | 91 | 96 | 95 | 87 | 69 | 83 | 85 | 83 | 85 | 87 | 91 | 83 | 81 | 78 | 83 | 86 | 88 | 87 | 85 | 88 | 84 | 87 | 90 | 77 | 86.0 |
| | MIN | 71 | 68 | 52 | 49 | 46 | 52 | 60 | 59 | 59 | 62 | 62 | 54 | 49 | 52 | 52 | 52 | 55 | 52 | 58 | 59 | 48 | 45 | 53 | 56 | 63 | 66 | 67 | 54 | 56 | 69 | 69 | 57.2 |
| HIGH POINT PARK | MAX | 85 | 86 | 77 | 76 | 78 | 82 | 82 | 84 | 86 | 87 | 82 | 71 | 78 | 77 | 75 | 79 | 80 | 83 | 75 | 73 | 72 | 79 | 81 | 81 | 79 | 78 | 82 | 78 | 79 | 82 | 72 | 79.3 |
| | MIN | 68 | 61 | 51 | 52 | 59 | 58 | 56 | 62 | 69 | 60 | 59 | 55 | 60 | 63 | 55 | 58 | 65 | 53 | 56 | 58 | 53 | 56 | 63 | 61 | 62 | 64 | 67 | 52 | 60 | 64 | 64 | 59.5 |
| JERSEY CITY | MAX | 92 | 83 | 82 | 77 | 76 | 89 | 91 | 95 | 92 | 90 | 77 | 81 | 76 | 84 | 82 | 80 | 83 | 82 | 79 | 80 | 80 | 80 | 80 | 84 | 82 | 80 | 85 | 80 | 81 | 74 | 85 | 82.6 |
| | MIN | 68 | 72 | 67 | 65 | 61 | 66 | 74 | 75 | 75 | 74 | 68 | 66 | 65 | 68 | 64 | 69 | 70 | 62 | 70 | 65 | 61 | 62 | 69 | 70 | 70 | 70 | 70 | 65 | 74 | 70 | 72 | 68.3 |
| LAMBERTVILLE | MAX | 93 | 85 | 85 | 87 | 89 | 90 | 92 | 96 | 95 | 89 | 87 | 84 | 85 | 84 | 86 | 86 | 89 | 84 | 84 | 80 | 84 | 86 | 88 | 86 | 87 | 87 | 84 | 89 | 92 | 80 | 87 | 87.1 |
| | MIN | 76 | 71 | 53 | 53 | 50 | 61 | 64 | 60 | 63 | 68 | 62 | 55 | 55 | 67 | 55 | 58 | 70 | 56 | 61 | 62 | 51 | 55 | 62 | 60 | 68 | 68 | 71 | 56 | 70 | 69 | 72 | 62.0 |
| LITTLE FALLS | MAX | 92 | 94 | 85 | 82 | 85 | 84 | 91 | 92 | 96 | 93 | 83 | 76 | 84 | 82 | 83 | 85 | 86 | 88 | 83 | 78 | 80 | 82 | 86 | 86 | 85 | 86 | 83 | 84 | 85 | 85 | 78 | 85.4 |
| | MIN | 74 | 69 | 57 | 54 | 54 | 59 | 63 | 64 | 65 | 67 | 65 | 59 | 54 | 67 | 57 | 57 | 67 | 54 | 62 | 63 | 53 | 55 | 59 | 62 | 65 | 66 | 68 | 55 | 65 | 66 | 69 | 61.7 |
| LONG VALLEY | MAX | 87 | 88 | 80 | 82 | 82 | 85 | 85 | 88 | 91 | 89 | 84 | 67 | 81 | 79 | 78 | 81 | 85 | 84 | 79 | 75 | 74 | 81 | 83 | 81 | 81 | 83 | 78 | 80 | 82 | 84 | 78 | 81.8 |
| | MIN | 69 | 66 | 55 | 48 | 47 | 54 | 58 | 56 | 59 | 60 | 61 | 57 | 48 | 64 | 55 | 52 | 60 | 54 | 56 | 59 | 49 | 51 | 56 | 57 | 66 | 61 | 69 | 54 | 56 | 68 | 68 | 57.8 |
| MORRIS PLAINS 1 W | MAX | 90 | 93 | 84 | 82 | 84 | 85 | 89 | 91 | 94 | 92 | 87 | 72 | 83 | 83 | 82 | 84 | 84 | 89 | 81 | 78 | 79 | 82 | 84 | 85 | 83 | 86 | 86 | 84 | 83 | 87 | 77 | 84.6 |
| | MIN | 69 | 66 | 56 | 48 | 47 | 52 | 62 | 60 | 63 | 63 | 62 | 54 | 49 | 63 | 53 | 53 | 62 | 51 | 56 | 60 | 50 | 51 | 56 | 56 | 59 | 62 | 69 | 53 | 62 | 68 | 63 | 58.0 |
| NEWARK WSO | MAX | 95 | 87 | 83 | 82 | 81 | 92 | 92 | 96 | 96 | 91 | 79 | 84 | 81 | 86 | 86 | 88 | 92 | 84 | 82 | 82 | 83 | 82 | 84 | 87 | 85 | 86 | 87 | 84 | 87 | 79 | 89 | 86.2 |
| | MIN | 73 | 71 | 66 | 64 | 63 | 69 | 73 | 75 | 75 | 76 | 67 | 65 | 65 | 70 | 65 | 67 | 71 | 63 | 70 | 68 | 63 | 67 | 68 | 70 | 71 | 74 | 74 | 65 | 73 | 72 | 75 | 69.3 |
| NEWTON | MAX | 89 | 92 | 81 | 81 | 84 | 87 | 89 | 89 | 92 | 91 | 85 | 72 | 82 | 83 | 81 | 83 | 83 | 88 | 81 | 77 | 75 | 83 | 85 | 85 | 85 | 86 | 86 | 82 | 85 | 88 | 76 | 84.1 |
| | MIN | 69 | 64 | 49 | 49 | 47 | 51 | 56 | 57 | 66 | 60 | 60 | 50 | 47 | 62 | 52 | 51 | 64 | 52 | 55 | 61 | 46 | 49 | 55 | 55 | 60 | 60 | 64 | 49 | 60 | 67 | 65 | 56.5 |
| PATERSON | MAX | 95 | 85 | 83 | 88 | 86 | 91 | 93 | 96 | 96 | 90 | 85 | 75 | 84 | 85 | 88 | 87 | 92 | 85 | 78 | 82 | 84 | 84 | 88 | 87 | 84 | 83 | 85 | 88 | 90 | 88 | 75 | 86.5 |
| | MIN | 73 | 69 | 59 | 55 | 58 | 59 | 68 | 68 | 71 | 72 | 68 | | 53 | 68 | 57 | | 70 | 58 | 65 | 61 | 58 | 62 | 65 | 63 | 69 | 67 | 69 | 58 | 68 | 69 | 71 | 64.5 |
| PHILLIPSBURG | MAX | 90 | 93 | 85 | 84 | 86 | 88 | 90 | 91 | 95 | 94 | 89 | 70 | 83 | 85 | 83 | 85 | 85 | 88 | 83 | 80 | 78 | 83 | 86 | 87 | 85 | 82 | 86 | 85 | 85 | 88 | 78 | 85.5 |
| | MIN | 69 | 67 | 52 | 53 | 50 | 58 | 59 | 59 | 62 | 64 | 62 | 55 | 52 | 55 | 55 | 50 | 58 | 56 | 55 | 60 | 50 | 53 | 54 | 60 | 65 | 65 | 66 | 56 | 59 | 69 | 68 | 58.6 |
| PLAINFIELD | MAX | 94 | 85 | 83 | 87 | 83 | 91 | 91 | 95 | 94 | 90 | 70 | 86 | 84 | 83 | 87 | 86 | 91 | 85 | 78 | 81 | 84 | 84 | 86 | 87 | 86 | 86 | 84 | 85 | 86 | 76 | 88 | 85.7 |
| | MIN | 74 | 68 | 57 | 53 | 50 | 58 | 63 | 62 | 65 | 68 | 65 | 57 | 54 | 60 | 56 | 57 | 68 | 55 | 62 | 62 | 53 | 56 | 60 | 62 | 68 | 67 | 72 | 59 | 68 | 71 | 72 | 62.0 |
| SOMERVILLE 3 NW | MAX | 91 | 92 | 83 | 83 | 85 | 86 | 89 | 91 | 95 | 94 | 89 | 70 | 84 | 85 | 83 | 85 | 85 | 90 | 83 | 80 | 79 | 83 | 86 | 87 | 85 | 86 | 87 | 83 | 85 | 90 | 77 | 85.5 |
| | MIN | 69 | 68 | 54 | 50 | 48 | 55 | 60 | 60 | 61 | 65 | 62 | 55 | 51 | 56 | 54 | 54 | 59 | 54 | 59 | 60 | 51 | 53 | 56 | 58 | 61 | 65 | 64 | 57 | 59 | 69 | 68 | 58.5 |
| SUSSEX 1 SE | MAX | 87 | 91 | 82 | 82 | 82 | 85 | 88 | 89 | 93 | 91 | 82 | 72 | 80 | 82 | 80 | 82 | 83 | 85 | 80 | 75 | 77 | 81 | 84 | 85 | 83 | 82 | 85 | 82 | 83 | 87 | 75 | 83.1 |
| | MIN | 70 | 62 | 49 | 47 | 47 | 51 | 56 | 57 | 62 | 58 | 61 | 51 | 47 | 51 | 50 | 52 | 59 | 49 | 56 | 59 | 47 | 50 | 54 | 55 | 57 | 60 | 63 | 52 | 58 | 67 | 68 | 55.6 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | MAX | 89 | 80 | 75 | 76 | 79 | 89 | 89 | 91 | 88 | 86 | 70 | 76 | 77 | 84 | 80 | 83 | 87 | 84 | 78 | 77 | 75 | 77 | 76 | 83 | 84 | 80 | 86 | 81 | 81 | 84 | 85 | 81.6 |
| | MIN | 73 | 65 | 57 | 54 | 49 | 64 | 69 | 64 | 68 | 64 | 58 | 55 | 49 | 63 | 55 | 57 | 68 | 59 | 66 | 58 | 54 | 56 | 59 | 66 | 70 | 72 | 70 | 60 | 69 | 70 | 72 | 62.4 |
| AUDUBON | MAX | 93 | 85 | 85 | 88 | 90 | 92 | 92 | 98 | 94 | 92 | 75 | 85 | 85 | 86 | 88 | 85 | 93 | 86 | 83 | 85 | 86 | 88 | 89 | 88 | 90 | 87 | 86 | 89 | 91 | 80 | 88 | 87.8 |
| | MIN | 73 | 72 | 60 | 56 | 53 | 63 | 69 | 66 | 70 | 69 | 61 | 57 | 57 | 69 | 60 | 63 | 70 | 61 | 69 | 66 | 55 | 58 | 63 | 64 | 72 | 73 | 72 | 65 | 71 | 70 | 72 | 65.1 |
| BELLEPLAIN ST FOREST | MAX | 93 | 90 | 83 | 81 | 86 | 91 | 93 | 97 | 96 | 92 | 92 | 80 | 82 | 88 | 86 | 85 | 91 | 91 | 86 | 80 | 80 | 83 | 83 | 89 | 90 | 89 | 88 | 86 | 88 | 84 | 85 | 87.4 |
| | MIN | 74 | 70 | 59 | 46 | 45 | 60 | 67 | 61 | 67 | 70 | 58 | 54 | 49 | 69 | 56 | 57 | 68 | 63 | 69 | 67 | 52 | 54 | 67 | 60 | 65 | 71 | 73 | 62 | 68 | 70 | 72 | 62.7 |
| BURLINGTON | MAX | 94 | 88 | 84 | 84 | | 91 | 92 | 96 | 94 | 89 | 88 | 85 | 84 | 86 | 87 | 92 | 86 | 88 | | 83 | 84 | 82 | 88 | | 86 | 84 | 86 | 85 | 90 | 82 | 85 | 87.3 |
| | MIN | 68 | 71 | 59 | | | 56 | 55 | 69 | 73 | | 64 | 54 | | 60 | 62 | | 72 | | | 64 | 57 | 60 | 60 | | | 70 | 71 | | 61 | 68 | 71 | |
| CHATSWORTH | MAX | 91 | 87 | 84 | 83 | 85 | 91 | 93 | 97 | 93 | 90 | 87 | 81 | 83 | 86 | 87 | 85 | 83 | 91 | 90 | 86 | 81 | 82 | 85 | 84 | 88 | 89 | 86 | 89 | 86 | 88 | 85 | 87.0 |
| | MIN | 66 | 70 | 55 | 47 | 47 | 57 | 65 | 58 | 63 | 68 | 59 | 54 | 47 | 68 | 52 | 54 | 69 | 67 | 60 | 64 | 64 | 63 | 54 | 59 | 68 | 65 | 70 | 71 | 61 | 70 | 69 | 61.4 |
| FREEHOLD | MAX | 89 | 91 | 81 | 79 | 84 | 80 | 90 | 90 | 92 | 92 | 88 | 74 | 79 | 82 | 82 | 84 | 87 | 89 | 82 | 81 | 80 | 81 | 83 | 86 | 86 | 85 | 86 | 86 | 87 | 86 | 77 | 84.5 |
| | MIN | 64 | 69 | 57 | 51 | 50 | 58 | 65 | 65 | 65 | 69 | 62 | 56 | 51 | 67 | 56 | 57 | 67 | 56 | 60 | 61 | 54 | 56 | 59 | 60 | 66 | 70 | 70 | 58 | 69 | 69 | 70 | 61.5 |
| GLASSBORO | MAX | 90 | 93 | 84 | 85 | 88 | 89 | 90 | 91 | 96 | 92 | 90 | 75 | 82 | 84 | 84 | 86 | 87 | 89 | 85 | 84 | 80 | 83 | 85 | 86 | 87 | 87 | 90 | 87 | 82 | 89 | 83 | 86.5 |
| | MIN | 67 | 70 | 60 | 55 | 51 | 64 | 69 | 67 | 70 | 69 | 63 | 57 | 59 | 69 | 59 | 64 | 67 | 63 | 70 | 67 | 55 | 57 | 61 | 63 | 69 | 71 | 72 | 68 | 70 | 71 | 70 | 64.7 |
| HAMMONTON 2 NNE | MAX | 90 | 93 | 82 | 86 | 82 | 87 | 94 | 94 | 98 | 94 | 90 | 74 | 80 | 84 | 88 | 87 | 87 | 93 | 88 | 85 | 81 | 81 | 83 | 85 | 87 | 90 | 85 | 88 | 85 | 90 | 84 | 86.9 |
| | MIN | 65 | 68 | 56 | 51 | 47 | 62 | 66 | 64 | 66 | 67 | 60 | 55 | 52 | 66 | 54 | 58 | 67 | 65 | 65 | 63 | 54 | 55 | 56 | 59 | 65 | 71 | 69 | 58 | 64 | 68 | 70 | 61.5 |
| HIGHTSTOWN 1 N | MAX | 94 | 83 | 83 | 86 | 86 | 92 | 91 | 96 | 94 | 88 | 74 | 82 | 83 | 82 | 86 | 86 | 91 | 84 | 82 | 79 | 82 | 85 | 86 | 86 | 87 | 85 | 84 | 85 | 88 | 78 | 87 | 85.6 |
| | MIN | 74 | 70 | 55 | 53 | 50 | 60 | 65 | 63 | 65 | 70 | 62 | 55 | 54 | 68 | 64 | 58 | 67 | 57 | 62 | 61 | 53 | 54 | 61 | 61 | 68 | 71 | 72 | 58 | 68 | 70 | 72 | 62.6 |
| INDIAN MILLS 2 W | MAX | 93 | 82 | 83 | 83 | 89 | 90 | 91 | 95 | 92 | 89 | 78 | 83 | 83 | 84 | 86 | 84 | 90 | 85 | 84 | 78 | 83 | 85 | 85 | 88 | 87 | 84 | 88 | 88 | 89 | 81 | 85 | 86.0 |
| | MIN | 73 | 69 | 53 | 49 | 44 | 59 | 65 | 62 | 67 | 69 | 57 | 52 | 50 | 68 | 50 | 55 | 68 | 57 | 65 | 63 | 49 | 50 | 60 | 61 | 70 | 70 | 71 | 59 | 68 | 70 | 72 | 61.1 |
| MILLVILLE FAA AIRPORT | MAX | 90 | 81 | 80 | 83 | 88 | 91 | 90 | 95 | 92 | 91 | 74 | 82 | 79 | 84 | 84 | 83 | 90 | 84 | 87 | 79 | 79 | 83 | 82 | 85 | 87 | 87 | 88 | 84 | 86 | 80 | 86 | 85.0 |
| | MIN | 74 | 67 | 58 | 54 | 51 | 64 | 69 | 66 | 70 | 72 | 60 | 57 | 55 | 64 | 60 | 61 | 71 | 67 | 70 | 61 | 58 | 57 | 61 | 66 | 73 | 74 | 71 | 68 | 71 | 71 | 73 | 65.0 |
| MOORESTOWN | MAX | 89 | 93 | 83 | 83 | 83 | 88 | 91 | 94 | 97 | 92 | 91 | 76 | 84 | 83 | 85 | 86 | 84 | 92 | 84 | 83 | 81 | 84 | 86 | 88 | 89 | 91 | 85 | 88 | 88 | 91 | 80 | 86.8 |
| | MIN | 75 | 72 | 58 | 52 | 48 | 62 | 67 | 64 | 72 | 69 | 63 | 55 | 53 | 68 | 55 | 59 | 69 | 58 | 67 | 64 | 52 | 54 | 60 | 63 | 69 | 76 | 71 | 62 | 68 | 70 | 69 | 63.4 |
| NEW BRUNSWICK | MAX | 90 | 92 | 83 | 82 | 84 | 80 | 90 | 90 | 94 | 91 | 88 | 72 | 82 | 82 | 82 | 83 | 84 | 87 | 81 | 80 | 78 | 81 | 83 | 84 | 85 | 85 | 83 | 83 | 83 | 87 | 76 | 84.0 |
| | MIN | 69 | 69 | 59 | 53 | 52 | 59 | 65 | 67 | 70 | 69 | 68 | 57 | 54 | 66 | 60 | 59 | 68 | 59 | 63 | 63 | 56 | 57 | 62 | 60 | 67 | 68 | 71 | 60 | 65 | 70 | 69 | 63.0 |
| PEMBERTON 3 E | MAX | 93 | 87 | 84 | 83 | 84 | 92 | 93 | 97 | 95 | 90 | 87 | 82 | 83 | 85 | 89 | 85 | 90 | 87 | 83 | 81 | 81 | 84 | 85 | 89 | 89 | 84 | 89 | 85 | 88 | 85 | 87 | 87.0 |
| | MIN | 74 | 69 | 55 | 49 | 46 | 59 | 59 | 59 | 62 | 69 | 58 | 54 | 49 | 68 | 52 | 54 | 68 | 59 | 63 | 62 | 51 | 49 | 59 | 63 | 71 | 69 | 70 | 59 | 66 | 68 | 71 | 60.8 |
| SEABROOK FARMS | MAX | 88 | 92 | 83 | 82 | 83 | 88 | 92 | 92 | 96 | 93 | 90 | 75 | 82 | 82 | 85 | 85 | 84 | 91 | 85 | 86 | 80 | 81 | 84 | 84 | 87 | 88 | 88 | 86 | 86 | 87 | 82 | 86.0 |
| | MIN | 73 | 71 | 58 | 55 | 49 | 64 | 64 | 64 | 70 | 71 | 63 | 57 | 57 | 69 | 57 | 62 | 70 | 64 | 69 | 66 | 55 | 57 | 61 | 64 | 64 | 74 | 72 | 64 | 68 | 71 | 73 | 64.4 |

**See Reference Notes Following Station Index**

Continued

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| SHILOH | MAX | 90 | 90 | 82 | 80 | 88 | 91 | 91 | 95 | 93 | 89 | 85 | 82 | 83 | 83 | 83 | 83 | 89 | 86 | 85 | 78 | 80 | 84 | 82 | 85 | 86 | 87 | 86 | 85 | 86 | 86 | 84 | 85.7 |
| | MIN | 75 | 68 | 57 | 55 | 50 | 64 | 69 | 65 | 70 | 70 | 64 | 57 | 54 | 63 | 60 | 62 | 70 | 65 | 69 | 66 | 58 | 58 | 62 | 62 | 71 | 73 | 71 | 63 | 70 | 70 | 72 | 64.6 |
| TOMS RIVER | MAX | 92 | 92 | 83 | 78 | 80 | 78 | 92 | 92 | 95 | 93 | 89 | 75 | 78 | 80 | 64 | 83 | 86 | 91 | 87 | 84 | 80 | 80 | 81 | 82 | 84 | 86 | 84 | 87 | 83 | 87 | 82 | 84.8 |
| | MIN | 71 | 70 | 57 | 50 | 50 | 62 | 67 | 61 | 65 | 68 | 60 | 52 | 50 | 60 | 54 | 57 | 65 | 60 | 65 | 63 | 53 | 55 | 58 | 63 | 69 | 70 | 72 | 61 | 70 | 70 | 71 | 61.9 |
| TRENTON WSO | MAX | 91 | 82 | 81 | 82 | 85 | 88 | 90 | 94 | 92 | 88 | 71 | 81 | 81 | 82 | 84 | 83 | 89 | 82 | 82 | 77 | 82 | 83 | 85 | 87 | 87 | 83 | 83 | 84 | 88 | 76 | 85 | 84.1 |
| | MIN | 71 | 68 | 61 | 60 | 56 | 66 | 72 | 69 | 72 | 71 | 61 | 60 | 64 | 68 | 63 | 64 | 70 | 63 | 67 | 65 | 60 | 62 | 66 | 68 | 70 | 74 | 71 | 64 | 72 | 70 | 73 | 66.5 |
| TUCKERTON | MAX | 86 | 83 | 83 | 78 | 80 | 88 | 95 | 98 | 94 | 85 | 81 | 78 | 80 | 86 | 81 | 83 | 86 | 88 | 80 | 80 | 79 | 80 | 80 | 83 | 88 | 84 | 88 | 80 | 85 | 82 | 85 | 84.1 |
| | MIN | 73 | 68 | 57 | 50 | 51 | 59 | 67 | 66 | 70 | 71 | 59 | 56 | 53 | 70 | 56 | 59 | 70 | 61 | 67 | 67 | 55 | 58 | 59 | 64 | 71 | 72 | 72 | 61 | 70 | 70 | 73 | 63.7 |
| WOODSTOWN | MAX | 92 | 86 | 83 | 85 | 90 | 91 | 92 | 96 | 92 | 90 | 87 | 81 | 82 | 84 | 85 | 84 | 90 | 85 | 86 | | 84 | 86 | 65 | 87 | 88 | | 88 | 86 | 89 | 83 | 86 | 87.0 |
| | MIN | 75 | 70 | 58 | 54 | 47 | 59 | 67 | 63 | 75 | 65 | 58 | 60 | 53 | 66 | 55 | 61 | 69 | 62 | 65 | | 52 | 54 | 58 | 59 | 69 | | 69 | 62 | 76 | 66 | 70 | 62.7 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 75 | 78 | 73 | 72 | 76 | 77 | 85 | 89 | 84 | 80 | 74 | 74 | 73 | 83 | 76 | 76 | 77 | 79 | 74 | 75 | 75 | 76 | 76 | 79 | 82 | 76 | 83 | 77 | 77 | 75 | 75 | 77.5 |
| | MIN | 69 | 68 | 61 | 61 | 60 | 68 | 70 | 72 | 71 | 69 | 58 | 58 | 66 | 69 | 62 | 67 | 70 | 64 | 68 | 64 | 59 | 61 | 64 | 70 | 70 | 71 | 69 | 67 | 70 | 69 | 67 | 66.2 |
| CAPE MAY 1 NW | MAX | 83 | 86 | 81 | 76 | 75 | 81 | 86 | 86 | 91 | 87 | 83 | 75 | /76 | 79 | 83 | 80 | 81 | 88 | 82 | 79 | | 80 | 78 | 80 | 86 | 87 | 82 | 87 | 81 | 81 | 85 | 82.2 |
| | MIN | 68 | 72 | 62 | 55 | 59 | 62 | 69 | 68 | 73 | 70 | 65 | 59 | 59 | 69 | 64 | 63 | 70 | 68 | 71 | 69 | | 61 | 59 | 69 | 69 | 72 | 71 | 69 | 70 | 69 | 69 | 66.4 |
| LONG BRANCH 2 S | MAX | 91 | 87 | 75 | 77 | 76 | 85 | 89 | 92 | 92 | 87 | 79 | 78 | 78 | 82 | 81 | 83 | 83 | 83 | 78 | 79 | 79 | 78 | 80 | 79 | 81 | 84 | 87 | 79 | 84 | 81 | 83 | 82.3 |
| | MIN | 74 | 70 | 65 | 55 | 54 | 63 | 66 | 68 | 69 | 71 | 62 | 59 | 56 | 68 | 60 | 62 | 70 | 60 | 65 | 64 | 57 | 60 | 62 | 64 | 69 | 71 | 72 | 64 | 72 | 70 | 71 | 64.9 |
| SANDY HOOK | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

# EVAPORATION AND WIND

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | EVAP | .17 | .29 | .25 | .30 | .17 | .41 | .22 | .26 | .27 | .27 | .18 | .21 | .22 | .33 | .21 | .21 | .17 | .16 | .34 | .06 | .21 | .22 | .28 | .19 | .26 | .13 | .11 | .17 | .23 | .33 | - | 7.068 |
| | WIND | 45 | 49 | 14 | 23 | 27 | 27 | 28 | 18 | 17 | 30 | 9 | 10 | 31 | 60 | 28 | 11 | 39 | 38 | 13 | 25 | 15 | 25 | 23 | 30 | 12 | 10 | 18 | 13 | 27 | 32 | 26 | 773 |
| | MAX | 94 | 97 | 90 | 86 | 90 | 91 | 93 | 95 | 97 | 98 | 97 | 93 | 91 | 89 | 89 | 90 | 88 | 92 | 93 | 78 | 87 | 90 | 88 | 88 | 82 | 89 | 84 | 90 | 88 | 89 | 86 | 90.1 |
| | MIN | 71 | 73 | 63 | 64 | 62 | 60 | 66 | 68 | 69 | 71 | 68 | 63 | 63 | 64 | 64 | 65 | 65 | 65 | 64 | 67 | 62 | 62 | 63 | 67 | 66 | 68 | 72 | 67 | 67 | 73 | 72 | 66.3 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | EVAP | .92 | .77 | .58 | .36 | .44 | .32 | .72 | .51 | .51 | .78 | .43 | .26 | .44 | 1.03 | .92 | .38 | .82 | .65 | .56 | .59 | .50 | .28 | .29 | .37 | .34 | .22 | .46 | .44 | .39 | .54 | .28 | 16.10 |
| | WIND | 26 | 38 | 21 | 39 | 20 | 25 | 29 | 38 | 35 | 36 | 40 | 0 | 28 | 30 | 40 | 27 | 19 | 7 | 23 | 23 | 21 | 23 | 24 | 15 | 31 | 18 | 11 | 26 | 20 | 23 | 0 | 756 |
| | MAX | 91 | 94 | 88 | 92 | 92 | 91 | 90 | 91 | 94 | 92 | 93 | 68 | 89 | 87 | 89 | 86 | 82 | 87 | 86 | 77 | 81 | 86 | 90 | 88 | 67 | 89 | 84 | 87 | 89 | 89 | 76 | 87.3 |
| | MIN | 69 | 72 | 61 | 59 | 60 | 62 | 67 | 66 | 67 | 69 | 66 | 59 | 60 | 66 | 60 | 61 | 65 | 63 | 69 | 65 | 59 | 59 | 63 | 65 | 67 | 70 | 72 | 63 | 62 | 70 | 69 | 64.7 |
| PEMBERTON 3 E | EVAP | .19 | .16 | .23 | .28 | .21 | .18 | .22 | .28 | .21 | .21 | .14 | .19 | .23 | .20 | .22 | .19 | .21 | .24 | .04 | .18 | .18 | .21 | .15 | .17 | .18 | .06 | .14 | .22 | .19 | .07 | .12 | 5.70 |
| | WIND | 37 | 11 | 16 | 18 | 16 | 21 | 13 | 10 | 13 | 12 | 5 | 23 | 27 | 55 | 14 | 24 | 35 | 16 | 26 | 14 | 12 | 16 | 20 | 12 | 13 | 17 | 18 | 26 | 35 | 25 | 31 | 631 |
| SEABROOK FARMS | EVAP | .23 | .31 | .26 | .27 | .24 | .35 | .31 | .22 | .50 | .42 | .06 | .11 | .26 | .30 | .37 | .32 | .08 | .33 | .39 | .35 | .23 | .25 | .26 | .23 | .20 | .33 | .20 | .26 | .27 | .25 | - | 8.438 |
| | MAX | 90 | 93 | 87 | 88 | 91 | 91 | 93 | 94 | 97 | 94 | 95 | 72 | 86 | 83 | 89 | 92 | 79 | 91 | 90 | 82 | 87 | 88 | 91 | 85 | 91 | 91 | 89 | 90 | 91 | 90 | 87 | 88.9 |
| | MIN | 71 | 72 | 62 | 61 | 58 | 58 | 66 | 68 | 69 | 71 | 67 | 58 | 58 | 63 | 62 | 63 | 62 | 69 | 68 | 68 | 62 | 62 | 63 | 66 | 68 | 73 | 72 | 66 | 64 | 71 | 72 | 65.6 |

# MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1970 - 1971

NEW JERSEY

| Station | JULY | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | TOTAL | NORMALS JULY-JUNE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | |
| BELVIDERE | 0 | 0 | 95 | 340 | 620 | 1080 | 1312 | 989 | 878 | 548 | 299 | 29 | 6190 | 5468 |
| BOONTON 1 SE | 0 | 0 | 62 | 310 | 629 | 1011 | 1250 | 967 | 822 | 487 | 257 | 29 | 5824 | 5868 |
| CANOE BROOK | 0 | 0 | 54 | 338 | 640 | 1039 | 1296 | 998 | 867 | 560 | 295 | 34 | 6121 | 5847 |
| CHARLOTTEBURG | 2 | 2 | 115 | 401 | 690 | 1105 | 1350 | 1078 | 965 | 628 | 352 | 36 | 6724 | 6083 |
| CRANFORD | 0 | 0 | 44 | 241 | 528 | 950 | 1169 | 866 | 772 | 446 | 198 | 14 | 5228 | |
| ESSEX FELLS SERV BLDG | 0 | 0 | 59 | 316 | 602 | 1051 | 1267 | 964 | 874 | 529 | 268 | 28 | 5958 | |
| FLEMINGTON 1 NE | 0 | 2 | 80 | 329 | 622 | 1038 | 1285 | 994 | 877 | 547 | 286 | 31 | 6091 | 5254 |
| HIGH POINT PARK | | 8 | 149 | 428 | 746 | | 1429 | 1240 | 1073 | 610 | | 51 | | |
| JERSEY CITY | 0 | 0 | 27 | 220 | 505 | 934 | 1157 | 842 | 791 | 462 | 184 | 18 | 5140 | 5116 |
| LAMBERTVILLE | 0 | 0 | 43 | 225 | 540 | 944 | 1179 | 858 | 807 | 462 | 186 | 9 | 5253 | 5246 |
| LITTLE FALLS | 0 | 0 | 51 | 280 | 565 | 978 | 1213 | 928 | 815 | 493 | 232 | 24 | 5579 | 5337 |
| LONG VALLEY | 1 | 7 | 107 | 395 | 633 | 1078 | 1316 | 1017 | 918 | 595 | 328 | 40 | 6435 | |
| MORRIS PLAINS 1 W | 0 | 0 | 70 | 323 | 633 | 1045 | 1279 | 992 | 869 | 550 | 285 | 34 | 6080 | |
| NEWARK WSO | 0 | 0 | 24 | 199 | 472 | 914 | 1160 | 827 | 732 | 402 | 155 | 7 | 4892 | Ø 5067 |
| NEWTON | 1 | | 128 | 387 | 673 | 1116 | 1393 | 1069 | 927 | 575 | 318 | 36 | | 6163 |
| PATERSON | 0 | 0 | 34 | 236 | 531 | 969 | 1193 | 908 | 781 | 444 | 195 | 16 | 5307 | 5203 |
| PHILLIPSBURG | 0 | 0 | 52 | 284 | 596 | 1006 | 1263 | 979 | 841 | 514 | 276 | 22 | 5833 | 5457 |
| PLAINFIELD | 0 | 0 | 42 | 249 | 555 | 984 | 1196 | 872 | 793 | 464 | 201 | 12 | 5370 | 5219 |
| SOMERVILLE 3 NW | 0 | 0 | 70 | 319 | 612 | 1031 | 1270 | 976 | 860 | 531 | 280 | 29 | 5978 | 5357 |
| SUSSEX 1 SE | 3 | 8 | 155 | 434 | 722 | 1190 | 1473 | 1144 | 1005 | 623 | 344 | 43 | 7144 | 5984 |
| * * * | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 0 | 0 | 49 | 224 | 515 | 876 | 1117 | 814 | 798 | 514 | 228 | 29 | 5164 | 4812 |
| AUDUBON | 0 | 0 | 24 | 185 | 474 | 880 | 1121 | 788 | 706 | 382 | 142 | 2 | 4704 | |
| BELLEPLAIN ST FOREST | 0 | 0 | 44 | 199 | 489 | 852 | 1085 | | 740 | 415 | 162 | 13 | | |
| BURLINGTON | 0 | | 28 | | 499 | 932 | 1141 | 788 | | 409 | 127 | 2 | | 4663 |
| CHATSWORTH | 0 | 0 | 49 | 257 | 523 | 850 | 1151 | 814 | 758 | 479 | 179 | 9 | 5069 | |
| FREEHOLD | 0 | 0 | 50 | 274 | 558 | 968 | 1193 | 901 | 814 | 519 | 238 | | | 5103 |
| GLASSBORO | 0 | 0 | 29 | 241 | 511 | 888 | 1143 | 849 | 767 | 447 | 193 | 10 | 5078 | |
| HAMMONTON 2 NNE | 0 | 0 | 37 | 251 | 534 | 911 | 1137 | 858 | 762 | 455 | 185 | 24 | 5154 | 4724 |
| HIGHTSTOWN 1 N | 0 | 0 | 52 | 253 | 537 | 952 | 1167 | 844 | 776 | 470 | 205 | 18 | 5274 | 5163 |
| INDIAN MILLS 2 W | 0 | 0 | 62 | 253 | 540 | 927 | 1163 | 834 | 784 | 480 | 220 | 11 | 5274 | 5035 |
| MILLVILLE FAA AIRPORT | 0 | 0 | 41 | 201 | 515 | 891 | 1131 | 822 | 776 | 454 | 182 | 5 | 5018 | |
| MOORESTOWN | 0 | 0 | 52 | 226 | 528 | 932 | 1145 | 833 | 756 | 460 | 202 | 14 | 5148 | 5070 |
| NEW BRUNSWICK | 0 | 0 | 41 | 266 | 555 | 971 | 1212 | 910 | 809 | 485 | 229 | 26 | 5504 | 5138 |
| PEMBERTON 3 E | 0 | 0 | 48 | 230 | 495 | 906 | 1146 | 817 | 746 | 453 | 195 | 14 | 5050 | 4835 |
| SEABROOK FARMS | 0 | 0 | 31 | 210 | 495 | 886 | 1128 | 905 | 770 | 456 | 182 | 10 | 5073 | |
| SHILOH | 0 | 0 | 25 | 168 | 484 | 857 | 1090 | 809 | 734 | 434 | 147 | 9 | 4757 | 4729 |
| TOMS RIVER | 0 | 0 | 44 | 265 | 527 | 925 | 1178 | 891 | 797 | 503 | 237 | 31 | 5398 | |
| TRENTON WSO | 0 | 0 | 30 | 212 | 502 | 907 | 1137 | 813 | 759 | 434 | 182 | 12 | 4988 | 4980 |
| TUCKERTON | 0 | 0 | 41 | 212 | 508 | 875 | 1127 | 830 | 794 | 487 | 224 | 27 | 5125 | |
| WOODSTOWN | 0 | 0 | 39 | 205 | 516 | 897 | 1129 | 820 | 740 | 410 | 158 | 9 | 4923 | |
| * * * | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | |
| ATLANTIC CITY | 0 | 0 | 33 | 204 | 493 | 823 | 1029 | 749 | 738 | 480 | 246 | 30 | 4825 | 4684 |
| CAPE MAY 1 NW | 0 | 0 | 22 | 175 | 443 | 806 | 1064 | 824 | 770 | 472 | 195 | 27 | 4798 | |
| LONG BRANCH 2 S | 0 | 0 | 39 | 219 | 508 | 902 | 1119 | 849 | 799 | 501 | 226 | 24 | 5186 | 5162 |
| SANDY HOOK | 0 | 0 | 29 | 213 | 485 | 931 | 1162 | 880 | 830 | 496 | | | | |

Ø REVISED OR ADJUSTED

See Reference Notes Following Station Index

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 95 | 87 | 93 | 93 | 93 | - | 92 | 93 | 89 | 90 | 71 | 86 | 89 | 78 | 86 | 84 | 89 | 90 | 78 | 80 | 83 | 87 | 87 | 87 | 85 | 82 | 83 | 88 | 93 | - | - | 86.8 |
| | | MIN | 78 | 70 | 68 | 68 | 66 | 68 | - | 70 | 72 | 71 | 64 | 62 | 63 | 64 | 61 | 62 | 67 | 63 | 67 | 61 | 59 | 60 | 63 | 63 | 67 | 67 | 65 | 62 | 72 | - | - | 65.8 |
| | 2 | MAX | 91 | 84 | 89 | 88 | 88 | - | 87 | 87 | 84 | 85 | 72 | 80 | 83 | 85 | 80 | 77 | 81 | 83 | 75 | 75 | 77 | 80 | 80 | 80 | 80 | 77 | 78 | 82 | 85 | - | - | 81.9 |
| | | MIN | 78 | 72 | 70 | 69 | 68 | 69 | - | 71 | 72 | 72 | 66 | 64 | 65 | 65 | 63 | 64 | 67 | 64 | 67 | 63 | 61 | 61 | 64 | 64 | 67 | 67 | 66 | 64 | 72 | - | - | 67.0 |
| | 4 | MAX | 87 | 83 | 86 | 84 | 84 | - | 84 | 84 | 82 | 82 | 73 | 77 | 80 | 74 | 76 | 73 | 77 | 79 | 72 | 74 | 74 | 76 | 77 | 76 | 76 | 75 | 76 | 80 | 82 | - | - | 78.7 |
| | | MIN | 78 | 75 | 72 | 73 | 70 | 70 | - | 72 | 73 | 72 | 67 | 65 | 66 | 67 | 64 | 65 | 68 | 65 | 67 | 65 | 63 | 63 | 65 | 65 | 67 | 68 | 68 | 65 | 72 | - | - | 68.2 |
| | 8 | MAX | 80 | 79 | 79 | 78 | 76 | - | 77 | 76 | 75 | 75 | 73 | 71 | 72 | 69 | 70 | 69 | 70 | 71 | 70 | 68 | 68 | 69 | 69 | 69 | 69 | 70 | 70 | 72 | 76 | - | - | 72.5 |
| | | MIN | 78 | 75 | 74 | 74 | 71 | 72 | - | 73 | 73 | 72 | 69 | 67 | 69 | 67 | 66 | 67 | 68 | 67 | 67 | 66 | 64 | 65 | 66 | 66 | 67 | 68 | 68 | 67 | 71 | - | - | 69.2 |
| | 20 | MAX | 73 | 73 | 73 | 71 | 70 | - | 70 | 70 | 69 | 69 | 69 | 68 | 68 | 65 | 65 | 65 | 64 | 64 | 64 | 64 | 65 | 65 | 65 | 64 | 64 | 64 | 64 | 66 | 64 | - | - | 67.0 |
| | | MIN | 73 | 70 | 70 | 70 | 69 | 70 | - | 69 | 68 | 68 | 68 | 65 | 65 | 64 | 63 | 62 | 62 | 62 | 63 | 62 | 61 | 60 | 61 | 61 | 61 | 63 | 63 | 62 | 62 | - | - | 64.9 |
| | 40 | MAX | 69 | 68 | 69 | 67 | 70 | - | 65 | 65 | 64 | 64 | 64 | 64 | 64 | 61 | 61 | 60 | 59 | 60 | 60 | 60 | 61 | 61 | 60 | 60 | 59 | 59 | 59 | 61 | 66 | - | - | 62.9 |
| | | MIN | 68 | 66 | 66 | 66 | 65 | 65 | - | 64 | 63 | 63 | 63 | 62 | 61 | 59 | 58 | 58 | 58 | 58 | 59 | 59 | 58 | 56 | 57 | 57 | 56 | 58 | 58 | 57 | 59 | - | - | 60.6 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 104 | 87 | 105 | 101 | 102 | - | 101 | 107 | 103 | 95 | 71 | 94 | 100 | 89 | 100 | 94 | 99 | 99 | 75 | 81 | 93 | 100 | 98 | 100 | 88 | 83 | 92 | 102 | 105 | - | - | 95.3 |
| | | MIN | 77 | 67 | 65 | 66 | 63 | 66 | - | 70 | 73 | 69 | 60 | 58 | 59 | 63 | 59 | 61 | 60 | 56 | 61 | 56 | 52 | 57 | 61 | 60 | 65 | 64 | 62 | 58 | 69 | - | - | 62.8 |
| | 2 | MAX | 102 | 86 | 96 | 97 | 98 | - | 98 | 104 | 100 | 93 | 71 | 91 | 96 | 87 | 95 | 90 | 94 | 95 | 74 | 78 | 90 | 96 | 94 | 95 | 85 | 80 | 89 | 97 | 95 | - | - | 91.6 |
| | | MIN | 78 | 68 | 65 | 66 | 63 | 68 | - | 71 | 74 | 70 | 60 | 58 | 60 | 65 | 60 | 63 | 62 | 57 | 63 | 58 | 53 | 58 | 63 | 62 | 66 | 65 | 64 | 59 | 69 | - | - | 63.9 |
| | 4 | MAX | 92 | 82 | 86 | 88 | 87 | - | 89 | 93 | 90 | 87 | 74 | 82 | 86 | 80 | 84 | 80 | 83 | 84 | 73 | 74 | 80 | 83 | 83 | 83 | 78 | 76 | 82 | 87 | 88 | - | - | 83.4 |
| | | MIN | 79 | 72 | 68 | 71 | 69 | 71 | - | 74 | 76 | 74 | 65 | 63 | 65 | 69 | 65 | 67 | 67 | 63 | 67 | 64 | 59 | 63 | 67 | 67 | 69 | 67 | 67 | 65 | 73 | - | - | 68.1 |
| | 8 | MAX | 85 | 78 | 87 | 80 | 80 | - | 82 | 84 | 83 | 80 | 75 | 74 | 77 | 84 | 85 | 73 | 72 | 73 | 68 | 68 | 71 | 73 | 74 | 74 | 71 | 70 | 74 | 74 | 74 | - | - | 76.5 |
| | | MIN | 78 | 74 | 71 | 74 | 72 | 74 | - | 76 | 78 | 75 | 69 | 66 | 70 | 71 | 68 | 69 | 69 | 65 | 66 | 66 | 64 | 66 | 68 | 68 | 69 | 68 | 67 | 59 | 70 | - | - | 69.6 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WSO | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| *ATLANTIC CITY R | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL N. KERCHNER |
| CLINTON 2 N | 1754 | 01 | HUNTERDON | 10 | 40 40 | 74 55 | 350 | | | | C | NJ BUREAU OF WTR SUPPLY |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A | | | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A | | | INACTIVE 9/1/70 |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | 8A | 8A | | H | US DEPT OF AGRICULTURE |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| MOUNT HOLLY | 5866 | 02 | BURLINGTON | 2 | 39 59 | 74 48 | 10 | | | | C | J. WESLEY GOODFELLOW |
| NEWARK WSO R | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A | | H | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| *TRENTON WSO R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWRENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT N. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER & LIGHT CO. |
| WINDSOR | 9761 | 02 | MERCER | 2 | 40 15 | 74 35 | 88 | | | | C | JACOBUS J. HOOIMAN |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |
| NEW STATIONS | | | | | | | | | | | | |
| CLINTON 2 N | 1754 | 01 | HUNTERDON | 10 | 40 40 | 74 55 | 350 | | | | C | NJ BUREAU OF WTR SUPPLY |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN 11-ROCKAWAY

# REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., e.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 1:00 p.m., e.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| - | No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.<br>No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry. |
| + | And also on an earlier date or dates. |
| ++ | Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data. |
| * | Amount included in following measurement, time distribution unknown. |
| // | Gage is equipped with a windshield. |
| B | Adjusted to a full month. |
| D | Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall. |
| M | One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month. |
| R | Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.) |
| T | Trace, an amount too small to measure. |
| V | Includes total for previous month. |

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| AR | This entry in time of observation column in Station Index means after rain. |
| C | Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin. |
| G | "Soil Temperature" table. |
| B | "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month. |
| J | "Supplemental Data" table. |
| S | Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin. |
| SS | This entry in time of observation column in Station Index means observation made near sunset. |
| VAR | This entry in time of observation column in Station Index means variable. |
| # | Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building. |

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-NOAA-ASHEVILLE-8/27/71-920

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# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
AUGUST 1971
Volume 76 No. 8

THE LIBRARY OF THE
OCT 22 1971
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | Temperature | | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIOERE | 80.8 | 58.0 | 69.4 | - 3.5 | 89 | 10 | 44 | 25 | 13 | 0 | 0 | 0 | 0 | 8.54 | 3.55 | 4.12 | 28 | .0 | 0 | | 7 | 3 | 3 |
| BOONTON 1 SE | 81.7 | 58.5 | 70.1 | - .7 | 89 | 19+ | 43 | 25+ | 15 | 0 | 0 | 0 | 0 | 5.69 | .76 | 3.71 | 28 | .0 | 0 | | 6 | 2 | 2 |
| CANOE BROOK | 82.2 | 58.8 | 70.5 | - .6 | 94 | 10 | 46 | 24 | 9 | 2 | 0 | 0 | 0 | 14.15 | 8.92 | 8.76 | 28 | .0 | 0 | | 9 | 4 | 2 |
| CHARLOTTEBURG | 79.7 | 56.0 | 67.9 | - 1.3 | 88 | 19 | 42 | 26+ | 30 | 0 | 0 | 0 | 0 | 11.23 | 6.27 | 7.32 | 28 | .0 | 0 | | 7 | 3 | 2 |
| CRANFORO | 83.9 | 61.5 | 72.7 | | 91 | 9 | 45 | 24 | 6 | 3 | 0 | 0 | 0 | 10.64 | | 5.58 | 27 | .0 | 0 | | 8 | 3 | 2 |
| ESSEX FELLS SERV BLOG | 83.0 | 58.4 | 70.7 | | 90 | 10 | 44 | 25 | 16 | 1 | 0 | 0 | 0 | 11.29 | | 6.70 | 28 | .0 | 0 | | 7 | 3 | 2 |
| FLEMINGTON 1 NE | 83.4 | 56.2 | 69.8 | - 3.6 | 91 | 11 | 40 | 25 | 19 | 2 | 0 | 0 | 0 | 10.43 | 5.41 | 7.20 | 28 | .0 | 0 | | 7 | 3 | 2 |
| HIGH POINT PARK | 78.4 | 55.4M | 66.9M | | 89 | 21+ | 41 | 26 | 50 | 0 | 0 | 0 | 0 | 6.12 | | 2.70 | 28 | .0 | 0 | | 8 | 3 | 2 |
| JERSEY CITY | 82.2 | 67.0 | 74.6 | .8 | 92 | 9 | 55 | 25+ | 0 | 3 | 0 | 0 | 0 | 6.05 | 1.43 | 2.00 | 1 | .0 | 0 | | 5 | 3 | 3 |
| LAMBERTVILLE | 84.7 | 60.7 | 72.7 | - .3 | 91 | 9+ | 45 | 24 | 4 | 3 | 0 | 0 | 0 | 11.44 | 6.30 | 4.58 | 27 | .0 | 0 | | 8 | 5 | 3 |
| LITTLE FALLS | 83.8 | 60.7 | 72.3 | - .5 | 92 | 10 | 47 | 25 | 6 | 3 | 0 | 0 | 0 | 13.41 | 8.32 | 9.97 | 28 | .0 | 0 | | 7 | 2 | 2 |
| LONG VALLEY | 79.5 | 56.4 | 68.0 | | 87 | 10+ | 41 | 25 | 22 | 0 | 0 | 0 | 0 | 12.48 | 7.42 | 5.90 | 28 | .0 | 0 | | 7 | 5 | 4 |
| MORRIS PLAINS 1 W | 82.8 | 57.1 | 70.0 | | 90 | 10+ | 40 | 25 | 17 | 2 | 0 | 0 | 0 | 13.03 | | 9.06 | 28 | .0 | 0 | | 6 | 4 | 2 |
| NEWARK WSO R | 84.6 | 67.4 | 76.0 | 1.6 | 93 | 10 | 53 | 24 | 1 | 7 | 0 | 0 | 0 | 10.63 | 6.20 | 5.93 | 27 | .0 | 0 | | 6 | 3 | 3 |
| NEWTON | 81.8 | 54.9 | 68.4 | - 1.7 | 90 | 11+ | 39 | 25 | 31 | 2 | 0 | 0 | 0 | 8.40 | 3.86 | 5.43 | 28 | .0 | 0 | | 6 | 4 | 2 |
| PATERSON | 84.5 | 61.6 | 73.1 | - .5 | 95 | 9 | 44 | 24 | 6 | 6 | 0 | 0 | 0 | 9.12 | 4.25 | 4.62 | 27 | .0 | 0 | | 6 | 4 | 3 |
| PHILLIPSBURG | 83.1 | 56.7 | 69.9 | - 2.5 | 91 | 9 | 43 | 25 | 14 | 3 | 0 | 0 | 0 | 10.83 | 5.79 | 4.70 | 28 | .0 | 0 | | 6 | 5 | 3 |
| PLAINFIELO | 84.4 | 61.1 | 72.8 | - .3 | 92 | 10+ | 45 | 24 | 6 | 5 | 0 | 0 | 0 | 11.66 | 6.47 | 5.35 | 27 | .0 | 0 | | 8 | 4 | 4 |
| SOMERVILLE 3 NW | 83.4 | 58.2 | 70.8 | - 2.0 | 90 | 10 | 42 | 24 | 11 | 1 | 0 | 0 | 0 | 11.51 | 6.50 | 8.89 | 28 | .0 | 0 | | 6 | 2 | 2 |
| SUSSEX 1 SE | 81.0 | 54.9 | 68.0 | - 2.8 | 89 | 10+ | 39 | 25 | 35 | 0 | 0 | 0 | 0 | 8.96 | 3.92 | 6.33 | 28 | .0 | 0 | | 8 | 3 | 1 |
| OIVISION | | | 70.7 | - 1.4 | | | | | | | | | | 10.28 | 5.37 | | | .0 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 79.7 | 61.1 | 70.4 | - 3.3 | 87 | 10 | 46 | 24 | 15 | 0 | 0 | 0 | 0 | 10.40 | 5.50 | 3.07 | 4 | .0 | 0 | | 7 | 3 | 3 |
| AUDUBON | 84.7 | 63.3 | 74.0 | | 93 | 9 | 50 | 24 | 2 | 6 | 0 | 0 | 0 | 12.56 | | 6.10 | 27 | .0 | 0 | | 7 | 5 | 4 |
| BELLEPLAIN ST FOREST | 85.0 | 61.0 | 73.0 | | 92 | 9 | 45 | 24 | 2 | 5 | 0 | 0 | 0 | 14.18 | 8.43 | 5.27 | 27 | .0 | 0 | | 7 | 4 | 4 |
| BURLINGTON | 85.7M | 64.0M | 74.9M | - .6 | 93 | 9 | | | 2 | 6 | 0 | 0 | 0 | 10.90 | 6.06 | 3.60 | 28 | .0 | 0 | | 7 | 6 | 3 |
| CHATSWORTH | 86.0 | 60.3 | 73.2 | | 95 | 9 | 44 | 25 | 1 | 7 | 0 | 0 | 0 | 10.12 | | 5.41 | 27 | .0 | 0 | | 7 | 6 | 2 |
| FREEHOLO | 82.6 | 61.2 | 71.9 | - 1.2 | 92 | 11 | 44 | 25+ | 12 | 3 | 0 | 0 | 0 | 11.43 | 6.67 | 7.18 | 28 | .0 | 0 | | 7 | 4 | 3 |
| GLASSBORO | 84.2 | 62.9 | 73.6 | | 90 | 11+ | 51 | 24 | 2 | 2 | 0 | 0 | 0 | 12.75 | | 6.67 | 27 | .0 | 0 | | 6 | 5 | 5 |
| HAMMONTON 2 NNE | 85.2 | 60.0 | 72.6 | - 1.6 | 92 | 11 | 46 | 24 | 8 | 10 | 0 | 0 | 0 | 8.37 | 2.73 | 2.50 | 28 | .0 | 0 | | 7 | 6 | 3 |
| HIGHTSTOWN 1 N | 82.7 | 61.5 | 72.1 | - .8 | 91 | 9 | 45 | 25+ | 8 | 3 | 0 | 0 | 0 | 12.04 | 7.52 | 7.16 | 27 | .0 | 0 | | 6 | 3 | 3 |
| INOIAN MILLS 2 W | 84.3 | 60.0 | 72.2 | - .7 | 93 | 9 | 40 | 24 | 10 | 6 | 0 | 0 | 0 | 8.73 | 3.27 | 4.29 | 27 | .0 | 0 | | 7 | 4 | 2 |
| MILLVILLE FAA AIRPORT | 83.2 | 63.7 | 73.5 | | 91 | 10 | 51 | 25 | 2 | 2 | 0 | 0 | 0 | 10.52 | | 3.35 | 27 | .0 | 0 | | 5 | 5 | 5 |
| MOORESTOWN | 84.4 | 62.5 | 73.5 | .4 | 93 | 10 | 45 | 24 | 8 | 3 | 0 | 0 | 0 | 11.53 | 6.78 | 7.00 | 28 | .0 | 0 | | 7 | 5 | 3 |
| NEW BRUNSWICK | 82.4 | 61.8 | 72.1 | - 1.1 | 89 | 11+ | 46 | 25 | 7 | 0 | 0 | 0 | 0 | 13.36 | 8.66 | 7.66 | 28 | .0 | 0 | | 7 | 6 | 4 |
| PEMBERTON 3 E | 85.6 | 60.5 | 73.1 | - .7 | 94 | 10+ | 44 | 25+ | 5 | 6 | 0 | 0 | 0 | 12.59 | 7.54 | 7.20 | 27 | .0 | 0 | | 9 | 5 | 2 |
| SEABROOK FARMS | 83.4 | 63.6 | 73.5 | | 90 | 11+ | 49 | 24 | 3 | 2 | 0 | 0 | 0 | 9.82 | | 5.14 | 28 | .0 | 0 | | 6 | 5 | 4 |
| SHILOH | 83.1 | 63.4 | 73.3 | - 1.3 | 89 | 10+ | 50 | 24 | 4 | 0 | 0 | 0 | 0 | 9.66 | 4.71 | 3.80 | 27 | .0 | 0 | | 6 | 6 | 3 |
| TOMS RIVER | 83.9 | 61.0 | 72.5 | | 93 | 11+ | 44 | 25 | 9 | 5 | 0 | 0 | 0 | 9.35 | | 3.21 | 28 | .0 | 0 | | 7 | 6 | 3 |
| TRENTON WSO R | 82.2 | 64.9 | 73.6 | - .3 | 91 | 9 | 52 | 25 | 3 | 2 | 0 | 0 | 0 | 9.66 | 4.89 | 4.79 | 27 | .0 | 0 | | 7 | 2 | 2 |
| TUCKERTON | 82.9 | 63.2 | 73.1 | | 93 | 9 | 45 | 24 | 7 | 2 | 0 | 0 | 0 | 7.64 | | 2.80 | 4 | .0 | 0 | | 7 | 4 | 3 |
| WOODSTOWN | | | | | | | | | | | | | | | | | | | | | | | |
| DIVISION | | | 73.0 | - .6 | | | | | | | | | | 10.82 | 5.76 | | | .0 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 77.5 | 64.5 | 71.0 | - 2.7 | 87 | 9 | 55 | 24 | 2 | 0 | 0 | 0 | 0 | 10.37 | 5.23 | 3.02 | 4 | | | | 7 | 6 | 3 |
| CAPE MAY 1 NW | 81.5 | 65.5 | 73.5 | | 91 | 22 | 54 | 24 | 0 | 3 | 0 | 0 | 0 | 6.43 | | 2.85 | 27 | .0 | 0 | | 4 | 3 | 2 |
| LONG BRANCH 2 S | 81.8 | 63.6 | 72.7 | - .1 | 92 | 9 | 49 | 25+ | 5 | 2 | 0 | 0 | 0 | 4.98 | - .27 | 1.63 | 27 | .0 | 0 | | 6 | 3 | 2 |
| SANOY HOOK | | | | | | | | | | | | | | | | | | | | | | | |
| DIVISION | | | 72.4 | - 1.2 | | | | | | | | | | 7.26 | 2.32 | | | .0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>2 STATIONS | 95 | DATE | 09 |
| LOWEST TEMPERATURE<br>2 STATIONS | 39 | DATE | 25 |
| GREATEST TOTAL PRECIPITATION<br>RAHWAY | 14.39 | | |
| LEAST TOTAL PRECIPITATION<br>LONG BRANCH 2 S | 4.98 | | |
| GREATEST 1 OAY PRECIPITATION<br>LITTLE FALLS | 9.97 | OATE | 28 |

**See Reference Notes Following Station Index**

SPECIAL WEATHER SUMMARY ON PAGE 64

# DAILY PRECIPITATION

NEW JERSEY
AUGUST 1971

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 8.54 | T | 2.18 | 1.24 | .40 | .14 | | | | | | | .12 | | | | | | | | T | | | T | | | | .34 | 4.12 | | | | • |
| BERNARDSVILLE 2 E | 13.74 | .25 | 3.27 | | .12 | .04 | | | | | | .09 | .02 | | | | .03 | | | | .27 | | .12 | | | | | .53 | 9.00 | | | | • |
| BLACKWELLS MILLS | 12.79 | .18 | 1.95 | | .25 | .17 | | | | | | | 2.19 | | | | | | | | .28 | | | | | | | 1.20 | 6.57 | | | | • |
| BOONTON 1 SE | 5.69 | T | 1.18 | T | .18 | .10 | | | | | | | .19 | | | | | | | | .23 | | .05 | | | | | .05 | 3.71 | | | | • |
| BOUND BROOK 2 W | 11.32 | .26 | 1.20 | | .04 | .18 | | | | | | | .03 | | | | | | | | .22 | | | | | | | 1.06 | 8.33 | | | | • |
| BRANCHVILLE | 7.23 | .17 | .68 | .32 | .41 | .08 | | | | | | | .40 | | | | | | | | .09 | .12 | | | | | | .24 | 4.67 | .05 | | | • |
| CANISTEAR RESERVOIR | 11.01 | .48 | 1.92 | .17 | .40 | .11 | | | | | | | .74 | | | | | | | | .29 | .19 | | | | | | .59 | 6.12 | T | | | • |
| CANOE BROOK | 14.15 | .20 | 3.01 | | .50 | .05 | | | | | | | .62 | | | | .16 | | | | .30 | | .11 | | | | | .44 | 8.76 | | | | • |
| CHARLOTTEBURG | 11.23 | T | 2.00 | .02 | .66 | .18 | | | | | | | .26 | | | | | | | | .42 | .02 | | | | | | .31 | 7.32 | .04 | | | • |
| CRANFORD | 10.64 | .66 | .20 | | .32 | .07 | | | | | | .11 | | | | | .07 | | | .45 | .24 | | T | | | | | 5.58 | 2.94 | | | | • |
| ESSEX FELLS SERV BLDG | 11.29 | .12 | 2.65 | | .41 | .09 | | | | | | | .39 | | | | | | | | .15 | | | | | | | .78 | 6.70 | | | | • |
| FLEMINGTON 1 NE | 10.43 | .14 | 1.24 | | .40 | .06 | | | | | | | .05 | | | | | | | | .48 | | .14 | | | | | .72 | 7.20 | | | | • |
| GREENWOOD LAKE | 11.12 | .07 | 1.82 | .05 | .27 | .17 | | | | | | | .87 | | | | | | | | .13 | .08 | | | | | | .22 | 7.28 | .16 | | | • |
| HIGH POINT PARK | 6.12 | | .51 | 2.00 | .40 | .10 | | | | | | | .10 | | | | | | | | | .15 | .05 | | | | | .11 | 2.70 | | | | • |
| JERSEY CITY | 6.05 | 2.00 | | 1.96 | .10 | | | | | | | T | | | | | | | | .42 | | | | | | | | | 1.57 | | | | • |
| LAMBERTVILLE | 11.44 | 1.00 | .30 | | .23 | .17 | | | | | | .97 | .06 | | | | | | | .66 | .02 | | | | | | | 4.58 | 3.45 | | | | • |
| LITTLE FALLS | 13.41 | .10 | 2.19 | | .42 | .09 | | | | | | | .13 | | | | | | | | .19 | | | | | | | .32 | 9.97 | | | | • |
| LONG VALLEY | 12.48 | .16 | 2.94 | .05 | .73 | | | | | | | | .42 | | | | | | | | 1.26 | | | | | | | 1.02 | 5.90 | | | | • |
| MAHWAH | 9.72 | | .58 | | .44 | .13 | | | | | | | .22 | | | | | | | | .09 | .01 | | | | | | .15 | 8.10 | | | | • |
| MIDLAND PARK | 11.45 | 1.35 | .01 | .98 | .18 | .04 | | | | | | .20 | | | | | | | | .16 | | | | | | | | 4.50 | 4.03 | | | | • |
| MILTON | 9.84 | .16 | 2.07 | .29 | .53 | .11 | | | | | | | .30 | | | | | | | | .20 | .08 | | | | | | .85 | 5.25 | | | | • |
| MORRIS PLAINS 1 W | 13.03 | .04 | 2.11 | T | .56 | .08 | | | | | | T | .36 | | | | | | | | .16 | | | | | | | .66 | 9.06 | | | | • |
| NEWARK WSO R | 10.63 | 1.67 | | .40 | .10 | .02 | | | | | | .06 | | | | | | | | .37 | | T | | | | | .04 | 5.93 | 2.04 | | | | • |
| NEW MILFORD | 8.10 | .93 | | .64 | .10 | | | | | | | .10 | | | | | | | | .20 | | | | | | | | 4.00 | 2.13 | | | | • |
| NEWTON | 8.40 | T | 1.08 | .34 | .70 | .09 | | | | | | | .21 | | | | | | | | .02 | .02 | | | | | | .51 | 5.43 | | | | • |
| OAK RIDGE RESERVOIR | 10.73 | .08 | 2.79 | .09 | .67 | .36 | | | | | | | .18 | | | | | | | | .36 | .08 | | | | | | .54 | 5.58 | | | | • |
| PATERSON | 9.12 | 1.38 | | .61 | .09 | .02 | | | | | | .11 | | | | | | | | .25 | | | | | | | | 4.62 | 2.04 | | | | • |
| PHILLIPSBURG | 10.83 | | 3.03 | .16 | 1.65 | | | | | | | .08 | .09 | | | | | | | | | | .52 | | | | | .60 | 4.70 | | | | • |
| PLAINFIELD | 11.66 | 1.10 | .12 | T | .11 | .09 | | | | | | .17 | .03 | | | .16 | | | | 1.10 | | | | | | | | 5.35 | 3.43 | | | | • |
| POTTERSVILLE 2 NNW | 10.93 | .13 | 2.15 | | .16 | .04 | | | | | | | .20 | | | | | | | | .34 | | .18 | | | | | .85 | 6.86 | | | .02 | • |
| RAHWAY | 14.39 | 2.37 | | 1.58 | .10 | | | | | | | .92 | | | | .10 | | | | 1.05 | | | | | | | | 6.58 | 1.69 | | | | • |
| RINGWOOD | 10.05 | .03 | .95 | | .48 | .06 | | | | | | | .27 | | | | | | | | .06 | .05 | | | | | | 1.15 | 7.00 | | | | • |
| SOMERVILLE 3 NW | 11.51 | .25 | 1.28 | | .13 | .04 | | | | | | | .02 | | | | | | | | .42 | | T | | | | | .48 | 8.89 | | | | • |
| SPLIT ROCK POND | 10.96 | .05 | 2.10 | .04 | .42 | .15 | | | | | | | .28 | | | | | | | | .26 | | .01 | | | | | 1.30 | 6.35 | | | | • |
| SUSSEX 1 SE | 8.96 | .03 | .80 | .20 | .37 | .10 | | | | | | | .53 | | | | | | | | .03 | .32 | T | | | | | .24 | 6.33 | .01 | | | • |
| WANAQUE RAYMOND DAM | 9.41 | T | .90 | | .76 | .10 | | | | | | | .12 | | | | | | | | .13 | | | | | | | .35 | 7.05 | | | | • |
| WERTSVILLE | 10.69 | .61 | .74 | T | .32 | .18 | | | | | | | .16 | | | | | | | | .90 | | .08 | | | | | 1.01 | 6.69 | | | | • |
| WEST WHARTON | 11.07 | .03 | 2.14 | .02 | .38 | .13 | | | | | | | .42 | | | | | | | | .26 | | | | | | | .40 | 7.29 | | | | • |
| WOODCLIFF LAKE | 9.49 | .75 | | .88 | .08 | .02 | | | | | | .44 | | | | | | | | .11 | | | | | | | | 3.97 | 3.24 | | | | • |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 10.40 | .04 | | | 3.07 | .43 | | | | | | 2.85 | T | | | | | | | .44 | | | T | .23 | | | .04 | 2.82 | .48 | | | | • |
| AUDUBON | 12.56 | 1.10 | | T | .33 | .63 | | | | | | .20 | | | | | | | | 1.40 | | | | | | | T | 6.10 | 2.80 | | | | • |
| BASS RIVER ST FOREST | 6.23 | | | | 2.82 | | | | | | | | | | | | | | .05 | | | | | | | | | 1.04 | 2.32 | | | | • |
| BELLEPLAIN ST FOREST | 14.18 | .12 | | | | 2.30 | | | | | | | 2.00 | | | | | | | .44 | | | | .35 | | | | 5.27 | 3.70 | | | | • |
| BURLINGTON | 10.90 | | 1.20 | | .70 | .65 | | | | | | | .05 | | | | | | | .90 | | .40 | | | | | | 3.40 | 3.60 | | | | • |
| CANTON | 9.20 | .04 | | | .39 | 1.36 | | | | | | | 1.13 | | | | | | | | .03 | | | | | | | 2.63 | 3.62 | | | | • |
| CHATSWORTH | 10.12 | .03 | | | | .56 | | | | | | .65 | .47 | | | | .54 | | | .03 | .57 | | | | | | | 5.41 | 1.86 | | | | • |
| FORTESCUE | 7.20 | | | | | 1.62 | | | | | | | 1.10 | | | | | | | | | .58 | | | | | | 1.10 | 2.80 | | | | • |
| FREEHOLD | 11.43 | T | 1.32 | | .04 | .66 | | | | | | | .34 | | | | .24 | | | | .35 | | | | | | | 1.30 | 7.18 | | | | • |
| GLASSBORO | 12.75 | 1.10 | T | | .10 | 1.05 | T | | | | | | | | | | | | | 1.20 | | | | | | | .05 | 6.67 | 2.58 | | | | • |
| HAMMONTON 2 NNE | 8.37 | .64 | | | .02 | .61 | | | | | | | .55 | | | | .16 | | | | 1.46 | | | | | | | 2.43 | 2.50 | | | | • |
| HIGHTSTOWN 1 N | 12.04 | .02 | .02 | T | .43 | .44 | | | | | | 1.06 | .04 | | | | | | | .37 | | | T | | | | | 7.16 | 2.50 | | | | • |
| INDIAN MILLS 2 W | 8.73 | | | | .07 | .85 | | | | | | .14 | .23 | | | .55 | T | | | .24 | | | | | | | T | 4.29 | 2.36 | | | | • |
| MAYS LANDING 1 W | 14.28 | | .70 | | .02 | 2.15 | | | | | | | 1.43 | | | | | | | | 1.35 | | | .04 | | | | 6.05 | 2.54 | | | | • |
| MILLVILLE FAA AIRPORT | 10.52 | T | | | 2.90 | 1.10 | | | | | | 1.35 | | | | | | | | .05 | | | T | T | | | .01 | 3.35 | 1.76 | | | | • |
| MOORESTOWN | 11.53 | | 1.32 | | .65 | .56 | | | | | | | .12 | | | | | | | | .44 | | | | | | | 1.44 | 7.00 | | | | • |
| NEW BRUNSWICK | 13.36 | .02 | .95 | | 1.44 | .17 | | | | | | | 1.09 | | | | | | | | 1.10 | | | | | | | .93 | 7.66 | | | | • |
| PEMBERTON 3 E | 12.59 | T | | | .13 | .72 | | | | | | .69 | .24 | | | | | | | .72 | .40 | | .26 | | | | | 7.20 | 2.23 | | | | • |
| PRINCETON WATER WORKS | 14.33 | .64 | | 1.69 | .22 | .15 | | | | | | 1.36 | | | | | | | | .12 | | T | | | | | T | 6.82 | 3.33 | | | | • |
| SEABROOK FARMS | 9.82 | | | T | .11 | .94 | T | T | | | | | 1.07 | T | T | | | | T | | 1.06 | | | | | | | 1.50 | 5.14 | | | | • |
| SHILOH | 9.66 | .01 | | | .58 | 1.43 | | | | | | | .85 | | | | | | | .86 | | | | | | | | 3.80 | 2.13 | | | | • |
| TOMS RIVER | 9.35 | .66 | .26 | | | .75 | | | | | | | 1.98 | | | | | | | .51 | | | | | | | | 1.98 | 3.21 | | | | • |
| TRENTON WSO R | 9.66 | .08 | | .26 | .49 | .20 | | | | | | .23 | | | | | | | | .31 | | T | | | | | .05 | 4.79 | 3.25 | | | | • |
| TUCKERTON | 7.64 | | | | 2.80 | .31 | | | | | | .19 | .75 | | | | .04 | | | .12 | .01 | | | | | | T | 1.42 | 2.00 | | | T | • |
| WOODSTOWN | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | • |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 10.37 | | | | 3.02 | .57 | | | | | | 2.90 | | | | | | | | .55 | | | | .23 | | | .01 | 2.41 | .68 | | | | • |
| CAPE MAY 1 NW | 6.43 | .05 | | | .04 | .69 | | | | | | | .25 | | | | | | | .01 | .03 | | | .06 | | | | 2.85 | 2.45 | | | | • |
| LONG BRANCH 2 S | 4.98 | .01 | T | | .32 | .41 | | | | | | .84 | .18 | | | | T | | | .04 | .08 | | | | | | | 1.63 | 1.47 | | | | • |
| SANDY HOOK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | • |

## SPECIAL WEATHER SUMMARY

August rainfall was above normal throughout the State. After the heavy rains during the last 3 days of July and the first 5 days of August, flooding was reported in many urban areas. The general flooding following the heavy rains of the 27th and 28th, prior to and in connection with the passage of Tropical Storm DORIA, caused damage estimated at $138.5 million. Three deaths were directly caused by the flooding.

A tornado did nearly $0.5 million damage when it passed over Cape May City and moved northward over Woodbine, covering the entire length of the County, in the early morning hours of the 27th. No deaths or injuries were reported from the tornado.

Donald V. Dunlap
Climatologist for New Jersey
Department of Meteorology
College of Agriculture & Environmental
Science
Rutgers - The State University
New Brunswick, New Jersey 08903

See reference notes following Station Index.

# DAILY TEMPERATURES

NEW JERSEY
AUGUST 1971

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 82 | 75 | 77 | 81 | 70 | 80 | 81 | 85 | 88 | 89 | 86 | 84 | 78 | 82 | 85 | 84 | 80 | 82 | 86 | 82 | 83 | 87 | 81 | 76 | 73 | 80 | 81 | 67 | 78 | 78 | 85 | 80.8 |
| | MIN | 67 | 67 | 69 | 67 | 57 | 52 | 53 | 55 | 61 | 63 | 64 | 55 | 52 | 52 | 56 | 57 | 54 | 55 | 55 | 62 | 65 | 64 | 65 | 47 | 44 | 45 | 58 | 60 | 59 | 59 | 59 | 58.0 |
| BOONTON 1 SE | MAX | 79 | 77 | 83 | 85 | 71 | 80 | 83 | 85 | 89 | 88 | 88 | 76 | 78 | 84 | 86 | 84 | 81 | 85 | 89 | 84 | 85 | 86 | 85 | 75 | 72 | 79 | 81 | 70 | 78 | 82 | 84 | 81.7 |
| | MIN | 68 | 64 | 67 | 68 | 58 | 53 | 55 | 63 | 65 | 64 | 68 | 57 | 48 | 52 | 57 | 57 | 50 | 50 | 57 | 65 | 63 | 65 | 63 | 43 | 43 | 51 | 58 | 60 | 60 | 61 | 60 | 58.5 |
| CANOE BROOK | MAX | 75 | 81 | 83 | 88 | 72 | 80 | 85 | 87 | 89 | 94 | 91 | 86 | 79 | 83 | 85 | 76 | 80 | 85 | 80 | 85 | 86 | 89 | 85 | 78 | 73 | 80 | 80 | 70 | 80 | 80 | 82 | 82.2 |
| | MIN | 65 | 67 | 71 | 70 | 62 | 54 | 55 | 59 | 63 | 64 | 71 | 58 | 53 | 55 | 55 | 58 | 54 | 53 | 60 | 57 | 64 | 61 | 59 | 46 | 47 | 50 | 56 | 58 | 61 | 62 | 56 | 58.8 |
| CHARLOTTEBURG | MAX | 81 | 74 | 78 | 82 | 68 | 78 | 81 | 83 | 87 | 87 | 86 | 83 | 76 | 80 | 83 | 82 | 79 | 83 | 88 | 83 | 81 | 84 | 82 | 72 | 70 | 76 | 78 | 66 | 78 | 79 | 84 | 79.7 |
| | MIN | 64 | 66 | 66 | 66 | 56 | 52 | 53 | 51 | 62 | 63 | 64 | 56 | 48 | 49 | 52 | 55 | 50 | 51 | 54 | 60 | 61 | 61 | 62 | 46 | 42 | 42 | 58 | 58 | 61 | 53 | 55 | 56.0 |
| CRANFORD | MAX | 83 | 85 | 81 | 80 | 81 | 84 | 87 | 90 | 91 | 90 | 88 | 79 | 83 | 86 | 87 | 82 | 85 | 89 | 85 | 87 | 89 | 86 | 80 | 75 | 81 | 81 | 72 | 82 | 82 | 85 | 84 | 83.9 |
| | MIN | 69 | 70 | 70 | 68 | 61 | 57 | 57 | 63 | 66 | 68 | 73 | 60 | 51 | 55 | 56 | 61 | 54 | 65 | 62 | 67 | 67 | 68 | 63 | 45 | 46 | 56 | 62 | 65 | 61 | 58 | 63 | 61.5 |
| ESSEX FELLS SERV BLDG | MAX | 86 | 78 | 83 | 87 | 72 | 78 | 83 | 87 | 89 | 90 | 89 | 87 | 77 | 83 | 85 | 86 | 79 | 85 | 89 | 85 | 85 | 89 | 86 | 77 | 72 | 81 | 81 | 74 | 82 | 81 | 86 | 83.0 |
| | MIN | 69 | 62 | 69 | 67 | 52 | 53 | 55 | 58 | 60 | 66 | 72 | 56 | 51 | 54 | 54 | 58 | 53 | 55 | 60 | 65 | 64 | 62 | 64 | 45 | 44 | 57 | 60 | 53 | 56 | 56 | 59 | 58.4 |
| FLEMINGTON 1 NE | MAX | 87 | 79 | 87 | 87 | 75 | 79 | 82 | 86 | 89 | 90 | 91 | 89 | 78 | 82 | 86 | 88 | 81 | 85 | 88 | 85 | 85 | 89 | 85 | 77 | 72 | 83 | 82 | 71 | 83 | 80 | 85 | 83.4 |
| | MIN | 68 | 67 | 68 | 68 | 60 | 49 | 50 | 55 | 60 | 63 | 66 | 59 | 47 | 49 | 50 | 52 | 50 | 50 | 51 | 64 | 64 | 62 | 63 | 43 | 40 | 42 | 55 | 60 | 57 | 52 | 57 | 56.2 |
| HIGH POINT PARK | MAX | 80 | 74 | 74 | 78 | 65 | 76 | 76 | 85 | 85 | 89 | 84 | 89 | 74 | 79 | 82 | 81 | 71 | 81 | 86 | 78 | 89 | 81 | 81 | 70 | 65 | 75 | 76 | 69 | 74 | 76 | 87 | 78.4 |
| | MIN | 68 | 65 | 65 | 64 | 55 | 56 | 57 | 57 | 58 | 64 | 68 | 54 | 50 | 54 | 58 | 52 | 50 | 53 | 54 | 58 | 56 | 53 | 61 | 42 | 43 | 41 | 48 | 55 | 51 | 52 | | 55.4 |
| JERSEY CITY | MAX | 80 | 79 | 81 | 75 | 81 | 85 | 87 | 89 | 92 | 90 | 87 | 79 | 78 | 81 | 86 | 79 | 86 | 87 | 80 | 87 | 90 | 87 | 79 | 74 | 74 | 77 | 71 | 80 | 84 | 87 | 76 | 82.2 |
| | MIN | 70 | 70 | 74 | 64 | 62 | 63 | 68 | 75 | 76 | 74 | 74 | 66 | 64 | 66 | 64 | 62 | 67 | 65 | 72 | 70 | 72 | 70 | 64 | 55 | 55 | 70 | 65 | 66 | 64 | 66 | 64 | 67.0 |
| LAMBERTVILLE | MAX | 85 | 89 | 89 | 80 | 80 | 84 | 86 | 91 | 91 | 90 | 88 | 80 | 86 | 88 | 88 | 85 | 86 | 86 | 85 | 86 | 89 | 84 | 79 | 76 | 84 | 84 | 74 | 81 | 84 | 86 | 82 | 84.7 |
| | MIN | 69 | 69 | 70 | 69 | 60 | 53 | 55 | 63 | 64 | 65 | 71 | 57 | 52 | 54 | 57 | 61 | 58 | 55 | 65 | 64 | 66 | 66 | 68 | 45 | 46 | 55 | 64 | 65 | 59 | 58 | 60 | 60.7 |
| LITTLE FALLS | MAX | 86 | 80 | 83 | 86 | 73 | 82 | 85 | 88 | 90 | 92 | 91 | 88 | 79 | 84 | 85 | 85 | 81 | 85 | 88 | 85 | 87 | 89 | 86 | 78 | 73 | 81 | 81 | 74 | 83 | 83 | 87 | 83.8 |
| | MIN | 69 | 68 | 67 | 68 | 59 | 54 | 59 | 62 | 67 | 68 | 65 | 58 | 53 | 54 | 58 | 58 | 54 | 55 | 60 | 66 | 65 | 67 | 67 | 50 | 47 | 57 | 62 | 61 | 62 | 59 | 63 | 60.7 |
| LONG VALLEY | MAX | 80 | 75 | 77 | 80 | 70 | 78 | 81 | 84 | 87 | 87 | 85 | 81 | 77 | 81 | 83 | 82 | 80 | 82 | 85 | 80 | 80 | 85 | 78 | 73 | 70 | 78 | 78 | 70 | 75 | 78 | 83 | 79.5 |
| | MIN | 65 | 65 | 67 | 66 | 57 | 52 | 53 | 60 | 60 | 60 | 70 | 55 | 46 | 48 | 51 | 57 | 48 | 49 | 55 | 63 | 62 | 62 | 61 | 44 | 41 | 48 | 60 | 60 | 58 | 53 | 52 | 56.4 |
| MORRIS PLAINS 1 W | MAX | 85 | 77 | 83 | 85 | 72 | 81 | 83 | 87 | 90 | 90 | 89 | 86 | 79 | 84 | 84 | 87 | 82 | 85 | 88 | 85 | 86 | 88 | 85 | 77 | 72 | 80 | 81 | 70 | 80 | 82 | 85 | 82.8 |
| | MIN | 67 | 65 | 67 | 68 | 59 | 54 | 52 | 60 | 63 | 63 | 69 | 57 | 47 | 49 | 51 | 54 | 50 | 51 | 55 | 63 | 62 | 61 | 62 | 41 | 40 | 50 | 57 | 59 | 59 | 55 | 59 | 57.1 |
| NEWARK WSO | MAX | 84 | 84 | 86 | 78 | 83 | 85 | 89 | 91 | 92 | 93 | 91 | 81 | 81 | 85 | 89 | 83 | 86 | 91 | 84 | 90 | 91 | 87 | 80 | 74 | 79 | 81 | 75 | 84 | 83 | 87 | 76 | 84.6 |
| | MIN | 71 | 74 | 75 | 66 | 65 | 66 | 66 | 72 | 74 | 74 | 75 | 64 | 63 | 65 | 66 | 65 | 65 | 66 | 72 | 71 | 72 | 72 | 61 | 53 | 57 | 67 | 67 | 69 | 65 | 67 | 64 | 67.4 |
| NEWTON | MAX | 83 | 76 | 79 | 84 | 70 | 80 | 83 | 85 | 89 | 90 | 90 | 86 | 77 | 74 | 86 | 85 | 82 | 86 | 89 | 85 | 82 | 88 | 86 | 75 | 72 | 82 | 81 | 68 | 78 | 80 | 86 | 81.8 |
| | MIN | 63 | 65 | 65 | 65 | 56 | 48 | 52 | 57 | 60 | 62 | 69 | 56 | 46 | 48 | 50 | 51 | 46 | 48 | 48 | 59 | 62 | 58 | 61 | 42 | 39 | 47 | 57 | 51 | 58 | 54 | 58 | 54.9 |
| PATERSON | MAX | 80 | 85 | 88 | 75 | 71 | 88 | 89 | 91 | 95 | 93 | 90 | 80 | 84 | 85 | 88 | 81 | 87 | 92 | 87 | 89 | 91 | 89 | 86 | 75 | 77 | 83 | 80 | 71 | 84 | 89 | 78 | 84.5 |
| | MIN | 71 | 68 | 65 | 59 | 60 | 58 | 61 | 65 | 70 | 69 | 74 | 60 | 56 | 58 | 60 | 59 | 58 | 58 | 65 | 68 | 66 | 67 | 65 | 44 | 50 | 51 | 59 | 60 | 61 | 62 | 64 | 61.6 |
| PHILLIPSBURG | MAX | 83 | 80 | 82 | 85 | 74 | 82 | 84 | 88 | 91 | 90 | 90 | 88 | 79 | 85 | 87 | 88 | 82 | 85 | 89 | 85 | 85 | 89 | 84 | 78 | 74 | 82 | 81 | 70 | 76 | 79 | 82 | 83.1 |
| | MIN | 67 | 67 | 68 | 68 | 57 | 54 | 52 | 56 | 60 | 62 | 63 | 57 | 47 | 50 | 53 | 55 | 52 | 52 | 52 | 62 | 63 | 62 | 63 | 45 | 43 | 44 | 60 | 57 | 55 | 57 | 56 | 56.7 |
| PLAINFIELD | MAX | 84 | 86 | 88 | 76 | 82 | 85 | 87 | 90 | 92 | 92 | 87 | 81 | 84 | 86 | 89 | 83 | 86 | 90 | 82 | 87 | 91 | 88 | 79 | 75 | 82 | 81 | 72 | 83 | 84 | 87 | 76 | 84.4 |
| | MIN | 69 | 69 | 71 | 70 | 61 | 56 | 57 | 63 | 66 | 66 | 73 | 60 | 52 | 55 | 56 | 60 | 55 | 56 | 63 | 67 | 66 | 64 | 66 | 45 | 46 | 57 | 62 | 64 | 59 | 58 | 63 | 61.1 |
| SOMERVILLE 3 NW | MAX | 85 | 83 | 87 | 88 | 73 | 80 | 83 | 85 | 89 | 90 | 89 | 87 | 78 | 83 | 85 | 87 | 82 | 84 | 87 | 84 | 86 | 88 | 85 | 80 | 75 | 82 | 81 | 71 | 81 | 82 | 84 | 83.4 |
| | MIN | 68 | 68 | 69 | 68 | 60 | 54 | 56 | 61 | 64 | 64 | 67 | 57 | 48 | 51 | 54 | 59 | 52 | 52 | 54 | 63 | 65 | 63 | 63 | 42 | 44 | 48 | 57 | 64 | 57 | 55 | 57 | 58.2 |
| SUSSEX 1 SE | MAX | 82 | 75 | 76 | 82 | 68 | 79 | 82 | 85 | 89 | 89 | 88 | 84 | 77 | 82 | 85 | 82 | 80 | 85 | 88 | 83 | 85 | 86 | 84 | 74 | 71 | 80 | 82 | 65 | 78 | 80 | 85 | 81.0 |
| | MIN | 64 | 67 | 66 | 67 | 54 | 48 | 49 | 58 | 61 | 64 | 64 | 55 | 47 | 48 | 52 | 52 | 48 | 48 | 51 | 56 | 61 | 61 | 62 | 40 | 39 | 42 | 58 | 57 | 52 | 56 | 56 | 54.9 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | MAX | 83 | 80 | 81 | 80 | 75 | 78 | 80 | 83 | 86 | 87 | 84 | 74 | 74 | 79 | 86 | 76 | 77 | 81 | 82 | 86 | 86 | 84 | 78 | 71 | 76 | 75 | 78 | 80 | 78 | 80 | 72 | 79.7 |
| | MIN | 72 | 71 | 65 | 65 | 59 | 55 | 59 | 62 | 66 | 68 | 68 | 53 | 50 | 59 | 60 | 60 | 56 | 57 | 69 | 68 | 69 | 69 | 57 | 46 | 48 | 54 | 71 | 65 | 60 | 60 | 54 | 61.1 |
| AUDUBON | MAX | 89 | 89 | 90 | 81 | 82 | 84 | 87 | 92 | 93 | 92 | 89 | 80 | 80 | 88 | 91 | 82 | 87 | 86 | 87 | 87 | 90 | 87 | 80 | 75 | 84 | 80 | 72 | 81 | 82 | 86 | 73 | 84.7 |
| | MIN | 71 | 69 | 71 | 67 | 62 | 57 | 61 | 61 | 68 | 69 | 73 | 61 | 54 | 59 | 61 | 64 | 61 | 61 | 69 | 65 | 69 | 71 | 62 | 50 | 51 | 59 | 65 | 66 | 62 | 61 | 61 | 63.3 |
| BELLEPLAIN ST FOREST | MAX | 88 | 87 | 88 | 86 | 83 | 83 | 87 | 91 | 92 | 91 | 90 | 76 | 81 | 86 | 88 | 88 | 87 | 86 | 86 | 85 | 90 | 86 | 75 | 81 | 82 | 80 | 78 | 81 | 87 | 84 | 83 | 85.0 |
| | MIN | 70 | 70 | 63 | 72 | 60 | 53 | 56 | 58 | 63 | 68 | 74 | 62 | 49 | 60 | 51 | 58 | 53 | 56 | 69 | 64 | 66 | 67 | 67 | 45 | 48 | 53 | 68 | 67 | 60 | 58 | 62 | 61.0 |
| BURLINGTON | MAX | 90 | 90 | 90 | 87 | 80 | 84 | 85 | 89 | 93 | 91 | 89 | 88 | 85 | 86 | 89 | 85 | 86 | 87 | 86 | 88 | 92 | 85 | 82 | 75 | 84 | 80 | 76 | 81 | | 85 | 84 | 85.7 |
| | MIN | 68 | 68 | 69 | 72 | | 61 | 63 | 68 | 72 | | 75 | 59 | 56 | 57 | 62 | 62 | 60 | 58 | 67 | 65 | | 70 | | 51 | | 58 | 67 | 66 | | 63 | 64 | 64.0 |
| CHATSWORTH | MAX | 89 | 89 | 87 | 89 | 81 | 85 | 87 | 90 | 95 | 91 | 90 | 79 | 82 | 85 | 90 | 89 | 86 | 86 | 85 | 87 | 90 | 92 | 78 | 85 | 84 | 81 | 78 | 82 | 83 | 86 | 84 | 86.0 |
| | MIN | 67 | 65 | 65 | 72 | 60 | 52 | 55 | 62 | 62 | 67 | 71 | 61 | 49 | 54 | 57 | 60 | 57 | 52 | 67 | 64 | 65 | 68 | 66 | 45 | 44 | 57 | 68 | 60 | 60 | 55 | 63 | 60.3 |
| FREEHOLD | MAX | 85 | 84 | 85 | 86 | 79 | 76 | 82 | 85 | 89 | 91 | 92 | 90 | 75 | 79 | 81 | 88 | 79 | 83 | 82 | 80 | 85 | 88 | 85 | 77 | 71 | 82 | 80 | 74 | 81 | 81 | 85 | 82.6 |
| | MIN | 70 | 69 | 66 | 70 | 59 | 55 | 58 | 64 | 67 | 67 | 72 | 59 | 52 | 54 | 57 | 60 | 58 | 60 | 65 | 65 | 67 | 65 | 66 | 44 | 44 | 54 | 64 | 64 | 60 | 60 | 63 | 61.2 |
| GLASSBORO | MAX | 86 | 89 | 89 | 89 | 89 | 79 | 80 | 82 | 88 | 90 | 90 | 88 | 86 | 78 | 82 | 87 | 82 | 84 | 86 | 84 | 86 | 86 | 89 | 88 | 73 | 82 | 80 | 74 | 80 | 81 | 84 | 84.2 |
| | MIN | 70 | 70 | 70 | 70 | 61 | 58 | 62 | 66 | 61 | 69 | 73 | 64 | 54 | 54 | 58 | 53 | 66 | 60 | 58 | 66 | 70 | 70 | 67 | 51 | 53 | 57 | 66 | 64 | 62 | 62 | 65 | 62.9 |
| HAMMONTON 2 NNE | MAX | 90 | 90 | 88 | 90 | 85 | 80 | 85 | 91 | 84 | 90 | 92 | 90 | 78 | 84 | 85 | 90 | 82 | 86 | 85 | 84 | 91 | 91 | 85 | 81 | 71 | 82 | 82 | 78 | 83 | 82 | 86 | 85.2 |
| | MIN | 68 | 68 | 66 | 68 | 57 | 55 | 58 | 62 | 62 | 65 | 71 | 60 | 50 | 55 | 58 | 57 | 56 | 57 | 61 | 63 | 66 | 66 | 64 | 46 | 47 | 54 | 59 | 63 | 58 | 58 | 61 | 60.0 |
| HIGHTSTOWN 1 N | MAX | 87 | 88 | 88 | 79 | 78 | 83 | 85 | 89 | 91 | 90 | 89 | 77 | 81 | 83 | 87 | 81 | 84 | 85 | 80 | 85 | 90 | 84 | 78 | 71 | 83 | 79 | 69 | 81 | 81 | 84 | 75 | 82.7 |
| | MIN | 70 | 70 | 69 | 69 | 61 | 55 | 57 | 63 | 66 | 68 | 70 | 58 | 52 | 55 | 56 | 62 | 59 | 57 | 66 | 65 | 67 | 67 | 65 | 45 | 45 | 56 | 64 | 64 | 60 | 60 | 64 | 61.5 |
| INDIAN MILLS 2 W | MAX | 89 | 89 | 90 | 83 | 79 | 83 | 85 | 90 | 93 | 92 | 90 | 77 | 85 | 87 | 90 | 81 | 85 | 85 | 83 | 86 | 89 | 86 | 79 | 73 | 82 | 82 | 76 | 82 | 82 | 85 | 74 | 84.3 |
| | MIN | 70 | 68 | 68 | 69 | 60 | 51 | 53 | 61 | 63 | 66 | 73 | 61 | 45 | 49 | 52 | 60 | 57 | 53 | 66 | 65 | 67 | 67 | 66 | 40 | 44 | 52 | 69 | 67 | 57 | 57 | 64 | 60.0 |
| MILLVILLE FAA AIRPORT | MAX | 87 | 85 | 87 | 83 | 79 | 82 | 84 | 88 | 90 | 91 | 88 | 78 | 85 | 84 | 87 | 81 | 84 | 84 | 84 | 88 | 88 | 83 | 81 | 73 | 80 | 78 | 77 | 80 | 79 | 85 | 75 | 83.2 |
| | MIN | 72 | 69 | 70 | 67 | 62 | 58 | 63 | 66 | 69 | 72 | 71 | 57 | 54 | 60 | 61 | 65 | 62 | 59 | 69 | 69 | 71 | 70 | 59 | 52 | 51 | 58 | 71 | 65 | 62 | 62 | 59 | 63.7 |
| MOORESTOWN | MAX | 86 | 88 | 88 | 89 | 81 | 80 | 85 | 85 | 89 | 93 | 91 | 88 | 78 | 83 | 86 | 89 | 82 | 86 | 86 | 85 | 84 | 80 | 90 | 78 | 74 | 82 | 80 | 72 | 89 | 81 | 87 | 84.4 |
| | MIN | 72 | 69 | 70 | 71 | 62 | 54 | 58 | 63 | 67 | 69 | 75 | 62 | 51 | 55 | 56 | 62 | 60 | 59 | 68 | 67 | 66 | 69 | 67 | 45 | 46 | 58 | 65 | 65 | 62 | 59 | 66 | 62.5 |
| NEW BRUNSWICK | MAX | 86 | 83 | 86 | 87 | 76 | 80 | 82 | 85 | 89 | 88 | 89 | 87 | 78 | 80 | 82 | 87 | 81 | 83 | 84 | 80 | 85 | 87 | 85 | 77 | 72 | 80 | 79 | 72 | 80 | 81 | 83 | 82.4 |
| | MIN | 70 | 67 | 69 | 70 | 61 | 56 | 60 | 66 | 67 | 68 | 71 | 60 | 53 | 56 | 57 | 61 | 58 | 58 | 62 | 66 | 66 | 67 | 68 | 50 | 46 | 54 | 61 | 63 | 61 | 60 | 63 | 61.8 |
| PEMBERTON 3 E | MAX | 89 | 88 | 89 | 84 | 82 | 85 | 87 | 91 | 94 | 94 | 90 | 80 | 82 | 85 | 90 | 83 | 88 | 88 | 86 | 87 | 90 | 88 | 79 | 77 | 84 | 82 | 75 | 83 | 83 | 87 | 84 | 85.6 |
| | MIN | 70 | 70 | 67 | 70 | 61 | 51 | 54 | 59 | 63 | 69 | 68 | 61 | 47 | 54 | 59 | 63 | 57 | 53 | 65 | 61 | 64 | 66 | 67 | 44 | 44 | 55 | 68 | 67 | 58 | 57 | 63 | 60.5 |
| SEABROOK FARMS | MAX | 85 | 87 | 86 | 87 | 83 | 80 | 82 | 85 | 88 | 90 | 90 | 88 | 78 | 84 | 85 | 88 | 81 | 83 | 84 | 83 | 86 | 88 | 84 | 80 | 73 | 80 | 79 | 75 | 80 | 80 | 83 | 83.4 |
| | MIN | 72 | 69 | 69 | 71 | 61 | 58 | 61 | 64 | 67 | 71 | 75 | 63 | 53 | 59 | 60 | 64 | 60 | 59 | 65 | 68 | 69 | 69 | 68 | 49 | 51 | 58 | 66 | 69 | 60 | 60 | 64 | 63.6 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SHILOH | MAX | 86 | 86 | 85 | 84 | 78 | 81 | 84 | 88 | 89 | 89 | 88 | 82 | 83 | 86 | 87 | 87 | 82 | 83 | 83 | 85 | 87 | 88 | 79 | 71 | 79 | 78 | 75 | 79 | 80 | 83 | 82 | 83.1 |
| | MIN | 71 | 68 | 69 | 70 | 61 | 60 | 63 | 66 | 68 | 70 | 73 | 62 | 54 | 58 | 58 | 58 | 60 | 59 | 69 | 67 | 69 | 69 | 60 | 50 | 53 | 58 | 68 | 65 | 62 | 64 | 64 | 63.4 |
| TOMS RIVER | MAX | 86 | 85 | 86 | 87 | 82 | 80 | 82 | 86 | 88 | 93 | 93 | 91 | 79 | 78 | 81 | 90 | 80 | 83 | 86 | 82 | 88 | 90 | 86 | 78 | 73 | 80 | 80 | 78 | 83 | 81 | 85 | 83.9 |
| | MIN | 68 | 70 | 66 | 72 | 61 | 57 | 56 | 62 | 65 | 67 | 72 | 61 | 50 | 54 | 61 | 64 | 57 | 55 | 58 | 65 | 66 | 68 | 69 | 45 | 44 | 55 | 55 | 67 | 61 | 59 | 62 | 61.0 |
| TRENTON WSO | MAX | 87 | 86 | 86 | 77 | 78 | 82 | 84 | 89 | 91 | 90 | 87 | 77 | 81 | 84 | 86 | 80 | 84 | 86 | 80 | 85 | 89 | 84 | 77 | 70 | 80 | 79 | 73 | 80 | 80 | 83 | 72 | 82.2 |
| | MIN | 72 | 72 | 71 | 64 | 63 | 61 | 64 | 69 | 72 | 72 | 70 | 63 | 59 | 61 | 63 | 63 | 61 | 64 | 70 | 68 | 72 | 72 | 60 | 54 | 52 | 62 | 65 | 65 | 63 | 63 | 62 | 64.9 |
| TUCKERTON | MAX | 84 | 85 | 85 | 85 | 78 | 84 | 87 | 88 | 93 | 88 | 85 | 78 | 78 | 82 | 91 | 77 | 82 | 83 | 82 | 88 | 89 | 83 | 82 | 75 | 79 | 79 | 78 | 83 | 80 | 85 | 75 | 82.9 |
| | MIN | 70 | 71 | 68 | 68 | 61 | 56 | 60 | 71 | 69 | 71 | 71 | 62 | 51 | 61 | 62 | 64 | 57 | 57 | 70 | 68 | 69 | 68 | 67 | 45 | 46 | 56 | 70 | 68 | 60 | 61 | 60 | 63.2 |
| WOODSTOWN | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 76 | 77 | 78 | 80 | 74 | 79 | 82 | 84 | 87 | 79 | 74 | 72 | 74 | 76 | 86 | 74 | 76 | 77 | 77 | 83 | 85 | 81 | 77 | 71 | 72 | 73 | 74 | 77 | 76 | 81 | 69 | 77.5 |
| | MIN | 67 | 68 | 70 | 66 | 61 | 60 | 64 | 68 | 71 | 71 | 67 | 62 | 56 | 65 | 64 | 64 | 60 | 62 | 69 | 68 | 70 | 69 | 59 | 55 | 59 | 66 | 68 | 67 | 60 | 62 | 63 | 64.5 |
| CAPE MAY 1 NW | MAX | 80 | 81 | 81 | 83 | 84 | 75 | 81 | 82 | 86 | 90 | 83 | 82 | 76 | 77 | 82 | 85 | 77 | 80 | 82 | 86 | 90 | 91 | 81 | 82 | 74 | 79 | 76 | 77 | 81 | 79 | 82 | 81.5 |
| | MIN | 69 | 68 | 69 | 70 | 62 | 60 | 64 | 67 | 69 | 70 | 72 | 67 | 55 | 67 | 65 | 66 | 66 | 62 | 62 | 70 | 72 | 72 | 69 | 54 | 55 | 60 | 63 | 66 | 67 | 65 | 69 | 65.5 |
| LONG BRANCH 2 S | MAX | 78 | 82 | 83 | 78 | 78 | 80 | 85 | 86 | 92 | 90 | 89 | 76 | 78 | 77 | 87 | 78 | 80 | 87 | 80 | 87 | 89 | 85 | 79 | 73 | 78 | 79 | 75 | 83 | 81 | 85 | 79 | 81.8 |
| | MIN | 71 | 70 | 70 | 69 | 61 | 58 | 60 | 65 | 69 | 70 | 70 | 62 | 55 | 58 | 62 | 64 | 60 | 62 | 67 | 67 | 69 | 67 | 69 | 49 | 49 | 59 | 65 | 65 | 60 | 62 | 67 | 63.6 |
| SANDY HOOK | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

# EVAPORATION AND WIND

| Station | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN | 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | | EVAP | - | - | .13 | .25 | .00 | .32 | .17 | .18 | .17 | .14 | .31 | .24 | .18 | .19 | .12 | .38 | .15 | .16 | .25 | .09 | .07 | .26 | .16 | .33 | .08 | .19 | .32 | - | - | - | - | 6.008 |
| | | WIND | 21 | 41 | 8 | 27 | 25 | 36 | 7 | 6 | 12 | 17 | 28 | 14 | 30 | 30 | 25 | 49 | 18 | 12 | 12 | 27 | 25 | 26 | 34 | 21 | 20 | 32 | 57 | - | - | - | - | 7588 |
| | | MAX | 75 | 81 | 85 | 91 | 75 | 89 | 93 | 92 | 95 | 98 | 94 | 90 | 90 | 91 | 91 | 91 | 91 | 94 | 94 | 83 | 89 | 84 | 93 | 88 | 84 | 84 | 86 | - | - | - | - | 88.6 |
| | | MIN | 65 | 72 | 73 | 73 | 64 | 65 | 66 | 68 | 69 | 73 | 73 | 65 | 63 | 64 | 64 | 65 | 64 | 63 | 64 | 68 | 70 | 69 | 69 | 55 | 55 | 57 | 64 | - | - | - | - | 65.9 |
| * * * SOUTHERN | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | | EVAP | .74 | .43 | .32 | .37 | .40 | .36 | .47 | .54 | .30 | .54 | .85 | .73 | .32 | .16 | .23 | .44 | .33 | .30 | .34 | .36 | .84 | .66 | .51 | .66 | .48 | .46 | .74 | .86 | 1.14 | .34 | .67 | 15.89 |
| | | WIND | 28 | 0 | 12 | 30 | 8 | 26 | 25 | 27 | 23 | 33 | 25 | 30 | 27 | 18 | 25 | 23 | 12 | 35 | 24 | 10 | 16 | 29 | 19 | 33 | 19 | 27 | 24 | 0 | 16 | 26 | 25 | 675 |
| | | MAX | 86 | 85 | 87 | 90 | 77 | 88 | 89 | 88 | 93 | 92 | 90 | 85 | 85 | 87 | 87 | 87 | - | - | - | - | 78 | 83 | 80 | 85 | 71 | 75 | 81 | 64 | 78 | 78 | 80 | 83.3 |
| | | MIN | 72 | 71 | 61 | 72 | 63 | 62 | 61 | 65 | 68 | 69 | 69 | 62 | 61 | 60 | 63 | 64 | - | - | - | - | 69 | 67 | 67 | 51 | 49 | 52 | 63 | 63 | 62 | 63 | 65 | 63.5 |
| PEMBERTON 3 E | | EVAP | .18 | .15 | .18 | .11 | - | .13 | .17 | .18 | .18 | .19 | .18 | .13 | .17 | .18 | .18 | .13 | .13 | .12 | .07 | .07 | .11 | .13 | .16 | .14 | .14 | .15 | - | - | .15 | .07 | .17 | 4.488 |
| | | WIND | 24 | 25 | 23 | 16 | 20 | 7 | 7 | 5 | 5 | 10 | 55 | 16 | 13 | 21 | 8 | 25 | 5 | 5 | 17 | 8 | 11 | 8 | 20 | 13 | 15 | 31 | 40 | 48 | 7 | 2 | 14 | 524 |
| SEABROOK FARMS | | EVAP | .12 | .40 | .20 | .28 | .17 | .23 | .11 | .41 | .29 | .30 | .33 | .30 | .25 | * | .45 | .34 | .17 | .16 | .13 | .28 | .18 | .17 | .12 | - | - | .17 | - | - | - | .23 | .32 | 7.298 |
| | | MAX | 89 | 94 | 91 | 95 | 86 | 88 | 90 | 92 | 96 | 96 | 93 | 90 | 88 | 91 | 91 | 95 | 86 | 91 | 90 | 88 | 89 | 92 | 86 | 87 | 84 | 86 | 80 | 73 | 86 | 88 | 91 | 89.1 |
| | | MIN | 72 | 71 | 70 | 71 | 62 | 62 | 64 | 64 | 69 | 72 | 70 | 66 | 61 | 62 | 64 | 65 | 64 | 65 | 64 | 69 | 68 | 68 | 69 | 55 | 54 | 60 | 62 | 66 | 63 | 63 | 65 | 65.2 |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent Standard of Time EASTERN | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WSO | 25 | 2.3 | 9.0 | 35++ | 12 | 28 | 95 | 92 | 64 | 83 | 2 | 2 | 4 | 0 | 0 | 3 | 11 | 67 | 5.0 |
| ATLANTIC CITY | - | - | - | 63 | SE | 28 | - | - | - | - | 0 | 1 | 1 | 3 | 0 | 3 | 8 | - | - |
| NEWARK WSO | 25 | 2.9 | 9.0 | 23++ | 31 | 28 | 76 | 71 | 50 | 60 | 1 | 3 | 3 | 0 | 1 | 2 | 10 | - | 5.1 |
| TRENTON WSO | - | - | - | 43 | NE | 28 | - | - | - | - | 1 | 2 | 5 | 0 | 0 | 2 | 10 | 68 | 4.7 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | - | - | - | - | 86 | 90 | 89 | 91 | 91 | 91 | 88 | 85 | 87 | 86 | 85 | 85 | 86 | 86 | 83 | 85 | 88 | 87 | 83 | 80 | 83 | 83 | 75 | 81 | 82 | 83 | 81 | 85.2 |
| | | MIN | - | - | - | - | - | 74 | 76 | 78 | 80 | 80 | 81 | 78 | 73 | 74 | 74 | 75 | 74 | 74 | - | 77 | 77 | 78 | 74 | 71 | 69 | 73 | 74 | 73 | 74 | 74 | 74 | 75.2 |
| | 2 | MAX | - | - | - | - | 84 | 87 | 86 | 88 | 89 | 89 | 87 | 84 | 85 | 84 | 84 | 84 | 85 | 84 | 82 | 83 | 86 | 85 | 82 | 79 | 81 | 82 | 75 | 80 | 80 | 82 | 80 | 83.6 |
| | | MIN | - | - | - | - | - | 75 | 76 | 79 | 80 | 80 | 81 | 78 | 74 | 75 | 75 | 76 | 75 | 75 | - | 77 | 78 | 78 | 75 | 72 | 70 | 73 | 75 | 73 | 74 | 74 | 75 | 75.7 |
| | 4 | MAX | - | - | - | - | 83 | 86 | 85 | 87 | 88 | 88 | 86 | 83 | 84 | 83 | 83 | 83 | 84 | 84 | 81 | 83 | 85 | 84 | 81 | 79 | 80 | 81 | 75 | 79 | 79 | 81 | 79 | 82.7 |
| | | MIN | - | - | - | - | - | 76 | 77 | 79 | 80 | 81 | 82 | 79 | 75 | 76 | 76 | 77 | 76 | 75 | - | 77 | 78 | 78 | 77 | 74 | 71 | 74 | 75 | 74 | 74 | 75 | 76 | 76.5 |
| | 8 | MAX | 71 | 73 | 74 | - | 81 | 82 | 82 | 84 | 84 | 84 | 84 | 81 | 81 | 81 | 80 | 80 | 81 | 81 | 80 | 80 | 82 | 81 | 80 | 78 | 78 | 78 | 76 | 77 | 77 | 79 | 78 | 79.6 |
| | | MIN | 67 | 67 | 69 | 67 | 69 | 77 | 78 | 79 | 80 | 81 | 81 | 80 | 77 | 77 | 77 | 77 | 77 | 76 | - | 77 | 78 | 78 | 78 | 76 | 74 | 75 | 75 | 74 | 75 | 75 | 76 | 75.6 |
| | 20 | MAX | - | - | - | - | 77 | 78 | 78 | 79 | 79 | 80 | 80 | 78 | 78 | 78 | 78 | 77 | 78 | 78 | 77 | 77 | 78 | 78 | 77 | 76 | 77 | 76 | 75 | 75 | 76 | 76 | 76 | 77.4 |
| | | MIN | - | - | - | - | - | 76 | 76 | 77 | 78 | 78 | 78 | 77 | 76 | 76 | 76 | 76 | 76 | 76 | - | 76 | 77 | 77 | 76 | 76 | 75 | 75 | 75 | 74 | 74 | 74 | 75 | 76.0 |
| | 40 | MAX | - | - | - | - | 74 | 75 | 75 | 76 | 76 | 76 | 76 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 76 | 75 | 75 | 75 | 75 | 75 | 74 | 74 | 75 | 75 | 74 | 75.0 |
| | | MIN | - | - | - | 73 | 72 | 73 | 73 | 74 | 74 | 74 | 74 | 74 | 73 | 74 | 73 | 73 | 73 | 73 | - | 74 | 74 | 74 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73.3 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 77 | 88 | 92 | - | 90 | 95 | 93 | 97 | 97 | 98 | 95 | 90 | 94 | 93 | 94 | 95 | 101 | 101 | 85 | 91 | 95 | 94 | 86 | 90 | 95 | 97 | 74 | 88 | 90 | 91 | 85 | 91.7 |
| | | MIN | 64 | 68 | 66 | - | - | 67 | 68 | 72 | 74 | 74 | 77 | 69 | 64 | 66 | 66 | 68 | 67 | 68 | - | 73 | 73 | 73 | 63 | 58 | 59 | 66 | 70 | 73 | 68 | 68 | 68 | 68.2 |
| | 2 | MAX | 77 | 85 | - | 78 | 88 | 93 | 91 | 95 | 95 | 95 | 93 | 88 | 92 | 90 | 91 | 92 | 97 | 97 | 85 | 89 | 93 | 91 | 85 | 87 | 91 | 94 | 74 | 86 | 88 | 89 | 83 | 89.1 |
| | | MIN | 64 | 67 | 67 | 69 | 61 | 68 | 69 | 73 | 75 | 75 | 78 | 71 | 65 | 67 | 68 | 69 | 68 | 69 | - | 73 | 74 | 73 | 66 | 60 | 61 | 66 | 71 | 74 | 69 | 69 | 69 | 68.9 |
| | 4 | MAX | - | - | - | - | 85 | 87 | 86 | 89 | 90 | 89 | 88 | 84 | 86 | 85 | 86 | 86 | 90 | 89 | 82 | 84 | 87 | 85 | 82 | 81 | 85 | 83 | 74 | 82 | 83 | 84 | 80 | 84.9 |
| | | MIN | - | - | - | - | - | 71 | 72 | 75 | 77 | 77 | 79 | 75 | 69 | 70 | 71 | 72 | 72 | 73 | - | 75 | 76 | 75 | 71 | 66 | 66 | 71 | 73 | 74 | 71 | 71 | 72 | 72.6 |
| | 8 | MAX | 73 | 71 | - | 77 | 81 | 82 | 81 | 84 | 85 | 85 | 83 | 81 | 81 | 81 | 81 | 81 | 83 | 82 | 80 | 81 | 82 | 81 | 79 | 77 | 79 | 79 | 75 | 78 | 79 | 80 | 78 | 80.0 |
| | | MIN | 66 | 67 | 69 | 73 | 69 | 75 | 75 | 77 | 79 | 79 | 80 | 78 | 74 | 74 | 74 | 75 | 75 | 76 | - | 77 | 77 | 77 | 76 | 72 | 71 | 74 | 74 | 75 | 74 | 74 | 75 | 74.4 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

| | |
|---|---|
| SUB-STA 1 | : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER. |
| SUB-STA 2 | : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES. |

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEER |
| ATLANTIC CITY WSO | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| *ATLANTIC CITY | R 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL N. KERCHNER |
| CLINTON 2 N | 1754 | 01 | HUNTERDON | 10 | 40 40 | 74 55 | 350 | | | | C | NJ BUREAU OF WTR SUPPLY |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A | | | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A | | | INACTIVE 9/1/70 |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. MOLZ |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | 8A | 8A | | H | US DEPT OF AGRICULTURE |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| MOUNT HOLLY | 5866 | 02 | BURLINGTON | 2 | 39 59 | 74 48 | 10 | | | | C | J. WESLEY GOODFELLOW |
| NEWARK WSO | R 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | C GH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. & SWR. COMN. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A | | H | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| *TRENTON WSO | R 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT N. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER & LIGHT CO. |
| WINDSOR | 9761 | 02 | MERCER | 2 | 40 15 | 74 35 | 88 | | | | C | JACOBUS J. MODINAN |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN 11-ROCKAWAY

# REFERENCE NOTES

NEW JERSEY
AUGUST 1971

Additional information regarding the climate of New Jersey may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., e.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 1:00 p.m., e.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| - | No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.<br>No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry. |
| + | And also on an earlier date or dates. |
| ++ | Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data. |
| * | Amount included in following measurement, time distribution unknown. |
| // | Gage is equipped with a windshield. |
| B | Adjusted to a full month. |
| D | Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall. |
| M | One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month. |
| R | Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.) |
| T | Trace, an amount too small to measure. |
| V | Includes total for previous month. |

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| AR | This entry in time of observation column in Station Index means after rain. |
| C | Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin. |
| G | "Soil Temperature" table. |
| H | "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month. |
| J | "Supplemental Data" table. |
| S | Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin. |
| SS | This entry in time of observation column in Station Index means observation made near sunset. |
| VAR | This entry in time of observation column in Station Index means variable. |
| # | Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building. |

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE- 9/29/71-920

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# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
SEPTEMBER 1971
Volume 76 No. 9

THE LIBRARY OF THE
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UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 74.0 | 58.5 | 66.3 | .3 | 86 | 10+ | 39 | 26+ | 66 | 0 | 0 | 0 | 0 | 6.67 | 2.80 | 1.95 | 14 | .0 | 0 | | 7 | 5 | 3 |
| BOONTON 1 SE | 74.8 | 57.7 | 66.3 | 2.8 | 90 | 10 | 37 | 26+ | 70 | 1 | 0 | 0 | 0 | 5.74 | 1.39 | 3.05 | 12 | .0 | 0 | | 6 | 4 | 1 |
| CANOE BROOK | 76.4 | 57.9 | 67.2 | 3.0 | 92 | 10 | 38 | 25 | 56 | 2 | 0 | 0 | 0 | 6.35 | 2.03 | 3.37 | 12 | .0 | 0 | | 6 | 2 | 2 |
| CHARLOTTEBURG | 73.5 | 56.3 | 64.9 | 2.5 | 89 | 7 | 31 | 25 | 97 | 0 | 0 | 2 | 0 | 6.54 | 2.13 | 2.79 | 12 | .0 | 0 | | 7 | 3 | 2 |
| CRANFORD | 77.5 | 61.4 | 69.5 | | 91 | 9 | 39 | 25 | 32 | 2 | 0 | 0 | 0 | 6.44 | | 3.85 | 12 | .0 | 0 | | 7 | 3 | 1 |
| ESSEX FELLS SERV BLDG | 76.1 | 57.7 | 66.9 | | 90 | 10 | 36 | 25 | 57 | 1 | 0 | 0 | 0 | 7.50 | | 4.59 | 12 | .0 | 0 | | 6 | 3 | 2 |
| FLEMINGTON 1 NE | 76.3 | 57.8 | 67.1 | .5 | 91 | 10 | 35 | 25 | 64 | 2 | 0 | 0 | 0 | 5.90 | 2.31 | 2.20 | 12 | .0 | 0 | | 6 | 3 | 3 |
| HIGH POINT PARK | 72.6 | 54.5 | 63.6 | | 84 | 6 | 43 | 25 | 84 | 0 | 0 | 0 | 0 | 4.30 | | 1.10 | 12 | .0 | 0 | | 7 | 4 | 1 |
| JERSEY CITY | 75.3 | 64.7 | 70.0 | 3.1 | 89 | 5 | 50 | 25 | 21 | 0 | 0 | 0 | 0 | 5.40 | 1.59 | 2.00 | 14 | .0 | 0 | | 5 | 3 | 2 |
| LAMBERTVILLE | 78.8 | 60.8 | 69.8 | 3.6 | 92 | 9 | 38 | 25 | 33 | 2 | 0 | 0 | 0 | 6.17 | 2.88 | 2.61 | 12 | .0 | 0 | | 6 | 3 | 2 |
| LITTLE FALLS | 76.4 | 60.8 | 68.6 | 2.8 | 91 | 10 | 40 | 25 | 43 | 3 | 0 | 0 | 0 | 9.57 | 5.02 | 5.12 | 12 | .0 | 0 | | 6 | 5 | 4 |
| LONG VALLEY | 72.3 | 57.3 | 64.8 | | 86 | 10 | 36 | 25 | 78 | 0 | 0 | 0 | 0 | 5.07 | 1.15 | 2.23 | 13 | .0 | 0 | | 8 | 3 | 1 |
| MORRIS PLAINS 1 W | 75.4 | 57.3 | 66.4 | | 90 | 10 | 37 | 25 | 67 | 1 | 0 | 0 | 0 | 7.79 | | 3.76 | 12 | .0 | 0 | | 6 | 4 | 2 |
| NEWARK WSO R | 77.9 | 65.6 | 71.8 | 4.5 | 92 | 9 | 48 | 25 | 12 | 2 | 0 | 0 | 0 | 7.88 | 4.12 | 4.12 | 12 | .0 | 0 | | 6 | 4 | 2 |
| NEWTON | 74.6 | 55.9 | 65.3 | 2.3 | 89 | 10+ | 33 | 25 | 89 | 0 | 0 | 0 | 0 | 4.39 | .40 | 1.07 | 13 | .0 | 0 | | 7 | 4 | 2 |
| PATERSON | 78.1 | 61.0 | 69.6 | 3.2 | 92 | 5 | 42 | 25 | 38 | 3 | 0 | 0 | 0 | 9.74 | 5.53 | 6.95 | 12 | .0 | 0 | | 8 | 4 | 1 |
| PHILLIPSBURG | 72.8 | 57.4M | 65.1M | - .4 | 86 | 10 | 37 | 25 | 80 | 0 | 0 | 0 | 0 | 7.18 | 3.18 | 1.82 | 14 | .0 | 0 | | 8 | 5 | 3 |
| PLAINFIELD | 77.2 | 61.1 | 69.2 | 3.0 | 92 | 9 | 38 | 25 | 31 | 2 | 0 | 0 | 0 | 5.59 | 1.26 | 3.09 | 12 | .0 | 0 | | 6 | 4 | 1 |
| SOMERVILLE 3 NW | 76.5 | 58.3 | 67.4 | 1.4 | 90 | 10 | 37 | 25 | 53 | 1 | 0 | 0 | 0 | 8.46 | 4.69 | 4.10 | 12 | .0 | 0 | | 6 | 4 | 3 |
| SUSSEX 1 SE | 73.9 | 56.4 | 65.2 | 1.7 | 89 | 6 | 34 | 26+ | 95 | 0 | 0 | 0 | 0 | 3.81 | - .11 | 1.06 | 12 | .0 | 0 | | 6 | 3 | 1 |
| DIVISION | | | 67.3 | 2.3 | | | | | | | | | | 6.52 | 2.46 | | | .0 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 75.3 | 59.6 | 67.5 | .3 | 85 | 6+ | 41 | 25 | 47 | 0 | 0 | 0 | 0 | 4.39 | 1.08 | 2.58 | 11 | .0 | 0 | | 5 | 2 | 2 |
| AUDUBON | 80.3 | 62.2 | 71.3 | | 91 | 9+ | 48 | 25 | 19 | 2 | 0 | 0 | 0 | 5.74 | | 1.53 | 11 | .0 | 0 | | 5 | 4 | 3 |
| BELLEPLAIN ST FOREST | 79.6 | 60.5 | 70.1 | | 89 | 5 | 41 | 25 | 22 | 0 | 0 | 0 | 0 | 5.26 | 1.40 | 2.40 | 11 | .0 | 0 | | 6 | 3 | 2 |
| BURLINGTON | 80.5M | 62.5M | 71.5M | 2.7 | 92 | 9 | 45 | 25 | 23 | 2 | | 0 | 0 | 5.83 | 2.18 | 1.68 | 13 | .0 | 0 | | 5 | 4 | 4 |
| CHATSWORTH | 79.6 | 59.7 | 69.7 | | 91 | 10+ | 38 | 25 | 28 | 4 | 0 | 0 | 0 | 5.26 | | 1.80 | 13 | .0 | 0 | | 5 | 3 | 3 |
| FREEHOLD | | | | | | | | | | | | | | | | | | | | | | | |
| GLASSBORO | 77.8 | 61.5 | 69.7 | | 88 | 10 | 44 | 25 | 27 | 0 | 0 | 0 | 0 | 7.47 | | 3.20 | 11 | .0 | 0 | | 8 | 3 | 3 |
| HAMMONTON 2 NNE | 78.6 | 57.2 | 67.9 | .2 | 91 | 10 | 39 | 25 | 48 | 3 | 0 | 0 | 0 | 4.41 | .64 | 1.57 | 13 | .0 | 0 | | 7 | 3 | 1 |
| HIGHTSTOWN 1 N | 77.1 | 60.8 | 69.0 | 2.8 | 91 | 9 | 39 | 25 | 36 | 2 | 0 | 0 | 0 | 5.13 | 1.14 | 1.33 | 12+ | .0 | 0 | | 6 | 4 | 3 |
| INDIAN MILLS 2 W | 78.5 | 59.1 | 68.8 | 2.5 | 91 | 9 | 35 | 25 | 39 | 2 | 0 | 0 | 0 | 4.64 | 1.04 | 2.03 | 11 | .0 | 0 | | 5 | 3 | 3 |
| MILLVILLE FAA AIRPORT | 78.5 | 61.7 | 70.1 | | 87 | 10+ | 44 | 25 | 24 | 0 | 0 | 0 | 0 | 4.79 | | 1.74 | 13 | .0 | 0 | | 5 | 4 | 2 |
| MOORESTOWN | 77.6M | 60.3M | 69.0M | 2.6 | 89 | 10 | 37 | 25 | 40 | 0 | 0 | 0 | 0 | 5.55 | 1.80 | 4.23 | 13 | .0 | 0 | | 4 | 2 | 1 |
| NEW BRUNSWICK | 76.4 | 60.3 | 68.4 | 1.9 | 89 | 10 | 40 | 25 | 40 | 0 | 0 | 0 | 0 | 3.91 | - .15 | 1.30 | 12 | .0 | 0 | | 6 | 4 | 2 |
| PEMBERTON 3 E | 79.4 | 59.5 | 69.5 | 2.1 | 92 | 9 | 39 | 25 | 31 | 4 | 0 | 0 | 0 | 3.69 | - .08 | 1.14 | 12 | .0 | 0 | | 6 | 3 | 2 |
| SEABROOK FARMS | 78.0 | 61.8 | 69.9 | | 89 | 10 | 43 | 25 | 30 | 0 | 0 | 0 | 0 | 5.24 | | 1.68 | 13 | .0 | 0 | | 6 | 5 | 2 |
| SHILOH | 78.1 | 61.8 | 70.0 | 2.0 | 86 | 9+ | 44 | 25 | 23 | 0 | 0 | 0 | 0 | 4.58 | .64 | 1.53 | 13 | .0 | 0 | | 8 | 3 | 2 |
| TOMS RIVER | 77.4 | 60.2 | 68.8 | | 91 | 10 | 40 | 25 | 37 | 2 | 0 | 0 | 0 | 6.27 | | 2.01 | 12 | .0 | 0 | | 8 | 4 | 4 |
| TRENTON WSO R | 76.3 | 63.4 | 69.9 | 2.8 | 90 | 9 | 46 | 25 | 31 | 1 | 0 | 0 | 0 | 5.59 | 2.09 | 2.86 | 13 | .0 | 0 | | 5 | 3 | 2 |
| TUCKERTON | 77.1 | 61.7 | 69.4 | | 87 | 6+ | 41 | 25 | 30 | 0 | 0 | 0 | 0 | 6.10 | | 2.51 | 11 | .0 | 0 | | 5 | 4 | 2 |
| WOODSTOWN | | | | | | | | | | | | | | | | | | | | | | | |
| DIVISION | | | 69.5 | 2.5 | | | | | | | | | | 5.21 | 1.42 | | | .0 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 72.4 | 63.4 | 67.9 | - .5 | 81 | 10 | 47 | 25 | 27 | 0 | 0 | 0 | 0 | 5.47 | 2.07 | 2.54 | 11 | | | | 3 | 3 | 3 |
| CAPE MAY 1 NW | 76.2 | 63.2 | 69.7 | | 83 | 16+ | 50 | 26+ | 19 | 0 | 0 | 0 | 0 | 4.29 | | 1.36 | 13 | .0 | 0 | | 5 | 4 | 2 |
| LONG BRANCH 2 S | 75.7 | 62.9 | 69.3 | 3.1 | 89 | 9 | 46 | 25 | 21 | 0 | 0 | 0 | 0 | 5.51 | 1.59 | 3.25 | 12 | .0 | 0 | | 5 | 3 | 1 |
| SANDY HOOK | | | | | | | | | | | | | | | | | | | | | | | |
| DIVISION | | | 69.0 | 1.2 | | | | | | | | | | 5.09 | 1.42 | | | .0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>7 STATIONS | 92 | DATE | 10+ |
| LOWEST TEMPERATURE<br>CHARLOTTEBURG | 31 | DATE | 25 |
| GREATEST TOTAL PRECIPITATION<br>PATERSON | 9.74 | | |
| LEAST TOTAL PRECIPITATION<br>CANTON | 3.11 | | |
| GREATEST 1 DAY PRECIPITATION<br>WOODCLIFF LAKE | 7.13 | DATE | 12 |

**See Reference Notes Following Station Index**

SPECIAL WEATHER SUMMARY ON PAGE 75

# DAILY PRECIPITATION

NEW JERSEY
SEPTEMBER 1971

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * *<br>NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 6.67 | | | | | | | .23 | | | .07 | | 1.09 | 1.40 | 1.95 | .70 | | .45 | .04 | T | T | .68 | | | .03 | | T | .01 | .02 | T | | |
| BERNARDSVILLE 2 E | 7.64 | | | | | | | .27 | | | .19 | | 3.70 | 1.75 | .22 | .67 | | | .63 | | | .12 | | | .01 | | | .02 | .04 | .02 | | |
| BLACKWELLS MILLS | 5.72 | | | | | | | .18 | .16 | | | | 2.00 | 2.30 | .18 | .15 | | | .07 | T | T | .68 | T | | | | | | T | T | | |
| BOONTON 1 SE | 5.74 | | | | | | | .15 | | | | | 3.05 | .60 | .72 | .90 | | .02 | .05 | | T | .15 | | | | | | .02 | .06 | .02 | | |
| BOUND BROOK 2 W | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| BRANCHVILLE | 5.39 | | | | | | | .30 | | | | | 1.80 | .85 | .41 | 1.03 | | .27 | .15 | | | .50 | | | | | | T | .05 | .03 | | |
| CANISTEAR RESERVOIR | 7.70 | | | | T | | | 1.25 | | | | | 2.52 | .71 | .64 | 1.43 | | .26 | .16 | | | .55 | .03 | | | | | .03 | .08 | .04 | | |
| CANOE BROOK | 6.35 | | | | | | | .22 | | | .03 | | 3.37 | 1.81 | .36 | .03 | | | .37 | T | | .13 | | | T | | | T | .03 | T | | |
| CHARLOTTEBURG | 6.54 | | | | T | | | .14 | | | | | 2.79 | 1.61 | .79 | .27 | | .04 | .39 | | | .33 | .02 | | | | | .04 | .07 | .05 | | |
| CRANFORD | 6.44 | | | | | | .23 | | | | .55 | .13 | 3.85 | .83 | .06 | .01 | | T | .34 | | T | .40 | | T | | | T | | .04 | | | |
| ESSEX FELLS SERV BLDG | 7.50 | | | | | | | .20 | | | | | 4.59 | 1.45 | .55 | .46 | | | .09 | | .12 | | | | | | | | .04 | | | |
| FLEMINGTON 1 NE | 5.90 | | | | | | | .04 | | | | T | 2.20 | 1.50 | 1.25 | .20 | | | .39 | | | .24 | | | | | | .04 | | .04 | | |
| GREENWOOD LAKE | 6.97 | | | | | | | .18 | | | | | 2.20 | 2.05 | 1.05 | .18 | | .05 | .60 | .05 | | .36 | .05 | | | | | | .12 | .08 | | |
| HIGH POINT PARK | 4.30 | | | | .10 | | | .80 | | | | | 1.10 | .80 | .40 | .30 | | | | | | .80 | | | | | | | | | | |
| JERSEY CITY | 3.40 | | | | | | | T | | | | .75 | 1.95 | .42 | 2.00 | | | | .28 | | T | | | | | | T | T | | | | |
| LAMBERTVILLE | 6.17 | | | | | | | | | | | .44 | 2.61 | 1.72 | .45 | .32 | | T | T | T | .02 | .57 | | T | | | .04 | T | T | | | |
| LITTLE FALLS | 9.57 | | | | | | | 1.18 | | | | | 5.12 | 1.13 | 1.30 | .61 | | | | | | .15 | | | | | | .02 | .05 | .01 | | |
| LONG VALLEY | 5.07 | | | | | | | .20 | T | | .30 | .25 | .92 | 2.23 | .53 | .23 | | | .08 | | .01 | .20 | | | | | | .04 | .07 | .01 | | |
| MAHWAH | 7.04 | | | | | | | .04 | | | | | 5.43 | .43 | .77 | .02 | | T | .01 | | | .25 | .02 | | | | | T | .04 | .03 | | |
| MIDLAND PARK | 8.85 | | | | | | .04 | | | | | 2.04 | 5.00 | .80 | .22 | | | | | | .38 | .22 | | | | | .06 | | .09 | | | |
| MILTON | 5.37 | | | | | | | .65 | | | .07 | | 1.87 | 1.16 | .45 | .06 | | .47 | .06 | | | .36 | | | | | | .07 | | .15 | | |
| MORRIS PLAINS 1 W | 7.79 | | | | | | | .28 | T | | T | T | 3.76 | 2.15 | .54 | .81 | | | .06 | | T | .11 | | | T | | | T | .05 | .03 | | |
| NEWARK WSO R | 7.88 | | | | | | | T | | T | | 1.33 | 4.12 | .71 | .75 | | | .41 | .06 | | .01 | .47 | | T | | | .01 | | .01 | | | |
| NEW MILFORD | 6.07 | | | | | | | | | | | .61 | 4.52 | .64 | .11 | | | | | | .11 | | | | | | .06 | | .02 | | | |
| NEWTON | 4.39 | | | | | | | .12 | | | | | 1.05 | 1.07 | .35 | .56 | | .42 | T | T | | .68 | | | | | | .05 | .08 | .01 | | |
| OAK RIDGE RESERVOIR | 5.23 | | | | | | | .18 | | | | | 2.06 | .94 | .64 | .29 | | .28 | .19 | | | .37 | | | | | | .08 | .11 | .07 | | |
| PATERSON | 9.74 | | | | | | .11 | | | | | .77 | 6.95 | .60 | .78 | | | | | | .12 | .10 | | | | | .27 | | .04 | | | |
| PHILLIPSBURG | 7.18 | | | | | | | .40 | | | .72 | | 1.28 | 1.48 | 1.82 | .48 | | .54 | | | | .33 | | | .02 | | T | .06 | .03 | .02 | | |
| PLAINFIELD | 5.59 | | | | | | .74 | .01 | | | .07 | .13 | 3.09 | .64 | .07 | | T | .22 | T | T | .05 | .53 | | .01 | | | T | T | .03 | | | |
| POTTERSVILLE 2 NNW | 6.13 | | | | | | | | T | | .12 | .03 | 2.66 | 1.95 | .31 | .37 | T | .02 | .50 | | | .05 | | | T | | | T | .03 | .09 | | |
| RAHWAY | 5.31 | | | | | | T | | | .02 | | .90 | 2.41 | .51 | .42 | | | .35 | .16 | | .54 | | | | | | | | | | | |
| RINGWOOD | 6.19 | | | | | | | T | | | T | | 3.40 | 1.19 | 1.18 | | | T | .04 | | | .29 | | | | | | T | .07 | .02 | | |
| SOMERVILLE 3 NW | 8.46 | | | | | | | .58 | .01 | | | | 4.10 | 2.04 | .20 | 1.26 | | T | | | | .23 | | | | | T | T | .01 | .03 | | |
| SPLIT ROCK POND | 8.11 | | | | | | | | | | | | 3.59 | 2.84 | .91 | .20 | | | .27 | | | .18 | | | | | | .12 | | | | |
| SUSSEX 1 SE | 3.81 | | | | | | | | | | | | 1.06 | .81 | .36 | .29 | | .48 | T | | | .67 | | | .03 | | T | | .07 | .04 | | |
| WANAQUE RAYMOND DAM | 7.36 | | | | | | | .19 | | | | | 4.05 | 1.42 | .93 | .31 | | | .04 | | | .25 | | | | | | .07 | .08 | .02 | | |
| WERTSVILLE | 6.61 | | | | | | | | | | | | 2.89 | 1.72 | 1.26 | .17 | | | .15 | T | T | .39 | | | | | | .01 | | .02 | | |
| WEST WHARTON | 7.76 | | | | | | | 1.82 | | | .58 | | 2.58 | 1.13 | .35 | .74 | .03 | | .20 | T | T | .16 | | | | | | | .10 | .07 | | |
| WOODCLIFF LAKE | 9.46 | | | | | | | | | | | .65 | 7.13 | 1.08 | .12 | | .05 | | | | .17 | .18 | | | | | .05 | | .03 | | | |
| * * *<br>SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 4.39 | | | | | | | | | | | 2.58 | .06 | 1.31 | .10 | | | .17 | .01 | T | T | .04 | | T | | | .12 | | | | | |
| AUDUBON | 5.74 | | | | | | | | | | .09 | 1.53 | 1.45 | 1.38 | .20 | | | T | | | | .94 | | T | | | .09 | .06 | | | | |
| BASS RIVER ST FOREST | 3.95 | | | | | | | | | | | | 2.02 | 1.64 | .02 | | | | | .04 | .10 | .09 | | | | | | .04 | | | | |
| BELLEPLAIN ST FOREST | 5.26 | | | | | | | | | | | 2.40 | .10 | 1.59 | .08 | .04 | | .72 | | | .04 | .05 | | | .10 | | .10 | .04 | | | | |
| BURLINGTON | 5.83 | | | | | | | | | | | 1.05 | 1.25 | 1.68 | .06 | .15 | | | .01 | .02 | | 1.55 | | | | | | | .06 | | | |
| CANTON | 3.11 | | | | | | | | | | | .17 | .86 | 1.73 | | .03 | | | .28 | | | .03 | .01 | | | | | | | | | |
| CHATSWORTH | 5.26 | | | | | | | | | | | 1.57 | 1.01 | 1.80 | .49 | | | .12 | .09 | .03 | .04 | .07 | | | | | | .04 | | | | |
| FORTESCUE | 3.80 | | | | | | | | | | | .98 | 1.02 | | | | | 1.48 | | | .10 | | | | | | .22 | | | | | |
| FREEHOLD | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| GLASSBORO | 7.47 | | | | | | | .49 | | | | 3.20 | 1.60 | 1.35 | .12 | | | | .32 | .12 | .01 | T | | T | | | .22 | .04 | | | | |
| HAMMONTON 2 NNE | 4.41 | | | | | | | | .31 | | | .62 | .89 | 1.57 | .43 | .17 | | | .27 | .01 | T | .05 | | | T | | | .09 | T | | | |
| HIGHTSTOWN 1 N | 5.13 | | | | | | .46 | T | | | | 1.33 | 1.33 | 1.03 | .23 | | | .02 | .08 | .01 | .05 | .56 | | T | | | .03 | T | T | | | |
| INDIAN MILLS 2 W | 4.64 | | | | | | | T | | | | 2.03 | 1.00 | 1.20 | T | .14 | | T | .09 | .06 | | .10 | | T | | | .02 | T | | | | |
| MAYS LANDING 1 W | 4.90 | | | | | | | | | | | .60 | 1.59 | 1.70 | .27 | .07 | | | .40 | .03 | .02 | .05 | .01 | | .02 | | | .14 | T | | | |
| MILLVILLE FAA AIRPORT | 4.79 | | | | | | | | | | | 1.14 | .72 | 1.74 | .13 | | | .85 | .05 | | | .01 | | .04 | T | | .09 | .02 | | | | |
| MOORESTOWN | 5.55 | | | | | | | | .03 | | | | | 4.23 | .17 | .30 | | | | | | .77 | | | | | | .05 | | | | |
| NEW BRUNSWICK | 3.91 | | | | | | | .53 | .14 | | | | 1.30 | 1.16 | .11 | T | | T | .04 | .03 | T | .60 | T | | T | | T | T | T | T | | |
| PEMBERTON 3 E | 3.69 | | | | | | | | | | | .43 | 1.14 | 1.02 | .09 | .07 | | | .29 | .12 | | .51 | | | | | .02 | | | | | |
| PRINCETON WATER WORKS | 4.68 | | | | | | T | T | T | | | .60 | 1.29 | 1.69 | .21 | | | .10 | T | T | | .74 | | T | | | .05 | T | T | | | |
| SEABROOK FARMS | 5.24 | | | | | | .01 | | | | | .09 | .57 | 1.68 | .74 | .08 | T | | 1.15 | .60 | | .03 | .02 | | .04 | | | .22 | .01 | | T | |
| SHILOH | 4.58 | | | | | | | | | | | | 1.13 | 1.53 | .21 | .02 | | .35 | .27 | .67 | | .10 | | .06 | | | .19 | .05 | | | | |
| TOMS RIVER | 6.27 | | | | | | | | | | | 1.08 | 2.01 | 1.05 | .14 | 1.65 | | | .10 | | .10 | .12 | | | | | | .02 | | | | |
| TRENTON WSO R | 5.59 | | | | | | | | | | | 1.54 | .63 | 2.86 | .10 | | | T | T | .06 | | .36 | | T | | | .03 | .01 | T | | | |
| TUCKERTON | 6.10 | | | | | | | | | | | 2.51 | .72 | 1.82 | .14 | .01 | | T | .68 | .08 | .02 | .03 | T | T | | | .09 | T | | | | |
| WOODSTOWN | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| * * *<br>COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 5.47 | | | | | | | | | | | 2.54 | .06 | 1.23 | | | | 1.50 | | | | .05 | | | | | .09 | | | | | |
| CAPE MAY 1 NW | 4.29 | | | | | | | | | | | .58 | .06 | 1.36 | .36 | .51 | | | 1.26 | .01 | | .05 | .04 | | T | | | .06 | | | | |
| LONG BRANCH 2 S | 5.51 | | | | | | | T | | | | .80 | 3.25 | .79 | .17 | .01 | | | T | T | T | .49 | | | T | | T | | | | | |
| SANDY HOOK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 74 | 74 | 72 | 77 | 83 | 84 | 86 | 82 | 82 | 86 | 74 | 76 | 79 | 74 | 70 | 80 | 80 | 75 | 75 | 65 | 77 | 69 | 68 | 64 | 68 | 66 | 58 | 60 | 65 | 76 | | 74.0 |
| | MIN | 51 | 52 | 57 | 61 | 62 | 67 | 67 | 67 | 66 | 64 | 65 | 68 | 67 | 64 | 62 | 60 | 59 | 61 | 61 | 61 | 60 | 47 | 49 | 55 | 39 | 39 | 53 | 55 | 58 | 58 | | 58.5 |
| BOONTON 1 SE | MAX | 75 | 77 | 75 | 78 | 83 | 88 | 89 | 81 | 82 | 90 | 74 | 74 | 80 | 74 | 70 | 81 | 83 | 75 | 76 | 65 | 73 | 71 | 72 | 65 | 66 | 65 | 62 | 61 | 63 | 75 | | 74.8 |
| | MIN | 49 | 49 | 55 | 62 | 63 | 67 | 66 | 60 | 65 | 66 | 62 | 66 | 67 | 64 | 63 | 60 | 62 | 63 | 60 | 60 | 60 | 46 | 52 | 50 | 37 | 37 | 51 | 55 | 57 | 56 | | 57.7 |
| CANOE BROOK | MAX | 76 | 79 | 76 | 78 | 85 | 89 | 90 | 84 | 85 | 92 | 79 | 76 | 78 | 75 | 74 | 82 | 84 | 75 | 76 | 68 | 74 | 72 | 70 | 67 | 68 | 72 | 63 | 63 | 66 | 76 | | 76.4 |
| | MIN | 54 | 49 | 54 | 62 | 65 | 66 | 66 | 66 | 67 | 64 | 63 | 66 | 68 | 61 | 62 | 60 | 60 | 61 | 58 | 58 | 58 | 48 | 46 | 45 | 38 | 49 | 57 | 55 | 54 | 56 | | 57.9 |
| CHARLOTTEBURG | MAX | 74 | 78 | 73 | 77 | 83 | 87 | 89 | 81 | 82 | 88 | 71 | 78 | 79 | 69 | 70 | 82 | 82 | 74 | 75 | 63 | 70 | 68 | 69 | 62 | 64 | 64 | 60 | 60 | 60 | 74 | | 73.5 |
| | MIN | 47 | 48 | 50 | 62 | 63 | 65 | 65 | 65 | 64 | 63 | 64 | 65 | 67 | 63 | 63 | 59 | 62 | 65 | 57 | 58 | 58 | 45 | 42 | 53 | 31 | 32 | 49 | 53 | 55 | 56 | | 56.3 |
| CRANFORD | MAX | 79 | 78 | 80 | 85 | 89 | 90 | 83 | 85 | 91 | 87 | 76 | 79 | 76 | 74 | 84 | 85 | 81 | 76 | 74 | 74 | 75 | 71 | 68 | 69 | 67 | 64 | 64 | 66 | 79 | 77 | | 77.5 |
| | MIN | 51 | 51 | 64 | 65 | 67 | 69 | 68 | 66 | 67 | 68 | 67 | 69 | 68 | 66 | 64 | 61 | 66 | 69 | 62 | 62 | 62 | 52 | 57 | 57 | 39 | 52 | 57 | 59 | 60 | 58 | | 61.4 |
| ESSEX FELLS SERV BLDG | MAX | 74 | 78 | 78 | 80 | 86 | 88 | 89 | 83 | 84 | 90 | 76 | 78 | 78 | 74 | 74 | 83 | 84 | 76 | 75 | 67 | 74 | 71 | 70 | 70 | 67 | 67 | 62 | 63 | 69 | 76 | | 76.1 |
| | MIN | 49 | 49 | 58 | 60 | 62 | 67 | 65 | 67 | 66 | 66 | 62 | 55 | 66 | 64 | 62 | 59 | 62 | 66 | 60 | 57 | 56 | 47 | 52 | 52 | 36 | 48 | 52 | 54 | 56 | 57 | | 57.7 |
| FLEMINGTON 1 NE | MAX | 74 | 77 | 74 | 80 | 85 | 89 | 90 | 85 | 86 | 91 | 79 | 77 | 79 | 75 | 72 | 84 | 84 | 76 | 76 | 69 | 78 | 71 | 71 | 67 | 67 | 67 | 60 | 64 | 66 | 77 | | 76.3 |
| | MIN | 47 | 49 | 55 | 62 | 63 | 67 | 65 | 66 | 63 | 65 | 66 | 68 | 68 | 62 | 62 | 58 | 59 | 65 | 60 | 60 | 61 | 44 | 47 | 56 | 35 | 38 | 53 | 55 | 58 | 56 | | 57.8 |
| HIGH POINT PARK | MAX | 69 | 73 | 74 | 70 | 75 | 84 | 83 | 79 | 76 | 82 | 70 | 71 | 72 | 71 | 72 | 78 | 78 | 69 | 71 | 72 | 71 | 71 | 72 | 72 | 71 | 71 | 62 | 63 | 65 | 71 | | 72.6 |
| | MIN | 48 | 48 | 58 | 59 | 62 | 65 | 63 | 64 | 64 | 55 | 59 | 57 | 63 | 61 | 57 | 55 | 59 | 54 | 55 | 56 | 55 | 45 | 47 | 50 | 43 | 44 | 45 | 46 | 47 | 51 | | 54.5 |
| JERSEY CITY | MAX | 78 | 72 | 80 | 86 | 89 | 87 | 77 | 82 | 88 | 82 | 74 | 77 | 73 | 73 | 80 | 82 | 74 | 74 | 70 | 73 | 72 | 71 | 66 | 68 | 67 | 62 | 64 | 67 | 73 | 77 | | 75.3 |
| | MIN | 66 | 58 | 64 | 69 | 70 | 70 | 68 | 69 | 70 | 71 | 71 | 71 | 69 | 66 | 65 | 67 | 68 | 70 | 62 | 64 | 62 | 54 | 62 | 59 | 50 | 56 | 60 | 59 | 65 | 65 | | 64.7 |
| LAMBERTVILLE | MAX | 77 | 75 | 80 | 87 | 89 | 91 | 87 | 88 | 92 | 86 | 83 | 82 | 78 | 74 | 85 | 86 | 79 | 77 | 73 | 83 | 79 | 73 | 68 | 70 | 70 | 64 | 65 | 67 | 80 | 77 | | 78.8 |
| | MIN | 52 | 55 | 62 | 62 | 64 | 68 | 66 | 69 | 67 | 69 | 69 | 69 | 67 | 65 | 62 | 60 | 63 | 68 | 62 | 64 | 62 | 47 | 57 | 57 | 38 | 49 | 56 | 59 | 59 | 57 | | 60.8 |
| LITTLE FALLS | MAX | 75 | 79 | 77 | 81 | 86 | 90 | 90 | 84 | 85 | 91 | 76 | 77 | 78 | 75 | 72 | 84 | 84 | 75 | 77 | 68 | 74 | 73 | 71 | 67 | 69 | 67 | 63 | 63 | 65 | 77 | | 76.4 |
| | MIN | 53 | 53 | 61 | 65 | 68 | 69 | 67 | 68 | 69 | 69 | 65 | 68 | 68 | 66 | 64 | 62 | 64 | 67 | 62 | 59 | 61 | 49 | 55 | 52 | 40 | 51 | 55 | 57 | 59 | 58 | | 60.8 |
| LONG VALLEY | MAX | 72 | 75 | 70 | 76 | 81 | 85 | 83 | 80 | 82 | 86 | 74 | 72 | 77 | 72 | 69 | 78 | 79 | 72 | 73 | 64 | 73 | 67 | 67 | 63 | 64 | 64 | 58 | 59 | 62 | 73 | | 72.3 |
| | MIN | 48 | 50 | 58 | 57 | 59 | 63 | 65 | 65 | 62 | 61 | 63 | 64 | 65 | 63 | 62 | 57 | 61 | 65 | 59 | 59 | 59 | 46 | 51 | 53 | 36 | 49 | 53 | 55 | 58 | 54 | | 57.3 |
| MORRIS PLAINS 1 W | MAX | 75 | 78 | 75 | 80 | 85 | 89 | 89 | 82 | 84 | 90 | 75 | 74 | 80 | 74 | 71 | 83 | 83 | 74 | 76 | 66 | 74 | 71 | 71 | 66 | 67 | 66 | 62 | 61 | 63 | 77 | | 75.4 |
| | MIN | 48 | 49 | 55 | 61 | 63 | 65 | 65 | 64 | 64 | 66 | 61 | 66 | 66 | 63 | 62 | 58 | 60 | 64 | 56 | 60 | 59 | 46 | 51 | 55 | 37 | 38 | 50 | 55 | 57 | 55 | | 57.3 |
| NEWARK WSO | MAX | 78 | 76 | 84 | 88 | 90 | 89 | 82 | 86 | 92 | 79 | 77 | 78 | 76 | 77 | 84 | 85 | 77 | 77 | 71 | 76 | 75 | 73 | 69 | 71 | 69 | 65 | 67 | 70 | 78 | 78 | | 77.9 |
| | MIN | 61 | 61 | 69 | 70 | 71 | 73 | 71 | 72 | 72 | 71 | 71 | 71 | 69 | 69 | 68 | 69 | 71 | 69 | 65 | 65 | 61 | 56 | 62 | 54 | 48 | 58 | 61 | 62 | 64 | 65 | | 65.6 |
| NEWTON | MAX | 74 | 77 | 75 | 81 | 85 | 87 | 89 | 84 | 84 | 89 | 74 | 75 | 83 | 74 | 71 | 77 | 81 | 76 | 75 | 64 | 75 | 68 | 68 | 63 | 62 | 64 | 61 | 61 | 64 | 76 | | 74.6 |
| | MIN | 45 | 50 | 55 | 61 | 62 | 62 | 64 | 66 | 64 | 62 | 62 | 65 | 66 | 63 | 63 | 58 | 59 | 60 | 55 | 58 | 58 | 41 | 44 | 52 | 33 | 40 | 48 | 52 | 55 | 55 | | 55.9 |
| PATERSON | MAX | 79 | 78 | 83 | 90 | 92 | 89 | 86 | 87 | 90 | 78 | 79 | 81 | 78 | 73 | 83 | 84 | 83 | 84 | 72 | 73 | 74 | 72 | 67 | 73 | 68 | 63 | 64 | 65 | 78 | 76 | | 78.1 |
| | MIN | 54 | 53 | 64 | 65 | 68 | 72 | 67 | 69 | 64 | 68 | 68 | 68 | 67 | 66 | 65 | 65 | 63 | 62 | 62 | 59 | 60 | 50 | 56 | 50 | 42 | 53 | 52 | 57 | 60 | 61 | | 61.0 |
| PHILLIPSBURG | MAX | 73 | 72 | 72 | 72 | 81 | 84 | 84 | 81 | 82 | 86 | 75 | 74 | 79 | 72 | 70 | 78 | 80 | 73 | 74 | 64 | 76 | 70 | 67 | 64 | 65 | 65 | 58 | 58 | 62 | 74 | | 72.8 |
| | MIN | 53 | 54 | | 57 | 60 | 61 | 65 | 60 | 62 | 64 | 65 | 67 | 68 | 62 | 60 | 62 | 59 | 61 | 60 | 60 | 60 | 47 | 48 | 54 | 37 | 38 | 52 | 53 | 58 | 57 | | 57.4 |
| PLAINFIELD | MAX | 80 | 77 | 80 | 86 | 90 | 89 | 85 | 86 | 92 | 78 | 75 | 80 | 75 | 74 | 86 | 85 | 77 | 76 | 69 | 75 | 74 | 72 | 67 | 71 | 70 | 65 | 63 | 66 | 78 | 76 | | 77.2 |
| | MIN | 52 | 52 | 62 | 64 | 64 | 69 | 67 | 66 | 66 | 68 | 66 | 69 | 70 | 65 | 64 | 61 | 65 | 69 | 60 | 63 | 61 | 50 | 58 | 58 | 38 | 51 | 57 | 60 | 60 | 58 | | 61.1 |
| SOMERVILLE 3 NW | MAX | 75 | 78 | 75 | 79 | 84 | 88 | 89 | 84 | 85 | 90 | 80 | 76 | 82 | 77 | 73 | 83 | 84 | 76 | 77 | 67 | 78 | 72 | 71 | 68 | 67 | 67 | 63 | 63 | 66 | 78 | | 76.5 |
| | MIN | 50 | 51 | 54 | 61 | 62 | 64 | 65 | 66 | 64 | 65 | 66 | 68 | 67 | 63 | 61 | 59 | 59 | 65 | 60 | 61 | 61 | 49 | 50 | 56 | 37 | 41 | 53 | 56 | 58 | 56 | | 58.3 |
| SUSSEX 1 SE | MAX | 73 | 76 | 73 | 79 | 84 | 89 | 88 | 83 | 83 | 84 | 73 | 73 | 81 | 73 | 73 | 80 | 80 | 73 | 76 | 65 | 74 | 68 | 68 | 63 | 65 | 64 | 60 | 60 | 62 | 73 | | 73.9 |
| | MIN | 44 | 46 | 53 | 62 | 63 | 64 | 64 | 68 | 65 | 62 | 62 | 68 | 67 | 64 | 63 | 60 | 59 | 59 | 58 | 59 | 59 | 43 | 44 | 53 | 34 | 34 | 50 | 54 | 56 | 56 | | 56.4 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | MAX | 72 | 72 | 77 | 81 | 85 | 85 | 82 | 82 | 83 | 82 | 77 | 79 | 75 | 72 | 80 | 80 | 77 | 76 | 74 | 78 | 72 | 70 | 67 | 68 | 65 | 62 | 66 | 72 | 73 | 75 | | 75.3 |
| | MIN | 53 | 50 | 57 | 60 | 62 | 65 | 62 | 62 | 68 | 64 | 70 | 72 | 65 | 62 | 63 | 60 | 66 | 66 | 65 | 67 | 59 | 50 | 62 | 45 | 41 | 45 | 56 | 56 | 58 | 58 | | 59.6 |
| AUDUBON | MAX | 84 | 87 | 83 | 86 | 89 | 91 | 86 | 88 | 91 | 86 | 83 | 86 | 81 | 75 | 86 | 88 | 80 | 81 | 76 | 84 | 75 | 74 | 67 | 70 | 70 | 62 | 67 | 73 | 82 | 78 | | 80.3 |
| | MIN | 56 | 58 | 62 | 64 | 65 | 70 | 66 | 67 | 68 | 69 | 68 | 70 | 65 | 64 | 65 | 63 | 65 | 65 | 65 | 64 | 60 | 53 | 63 | 55 | 48 | 53 | 57 | 60 | 59 | 60 | | 62.2 |
| BELLEPLAIN ST FOREST | MAX | 75 | 74 | 81 | 85 | 89 | 88 | 86 | 87 | 87 | 88 | 85 | 80 | 80 | 75 | 85 | 85 | 84 | 80 | 78 | 83 | 80 | 80 | 70 | 70 | 70 | 65 | 67 | 77 | 76 | 77 | | 79.6 |
| | MIN | 56 | 53 | 59 | 60 | 64 | 66 | 60 | 62 | 65 | 60 | 71 | 73 | 69 | 62 | 63 | 60 | 66 | 60 | 66 | 63 | 65 | 50 | 62 | 60 | 41 | 47 | 57 | 54 | 60 | 60 | | 60.5 |
| BURLINGTON | MAX | 81 | 76 | 83 | 86 | | 91 | 88 | 88 | 92 | 88 | 82 | 84 | | 79 | 85 | 87 | 84 | 78 | 79 | 79 | | 78 | 76 | 68 | 66 | | 64 | 70 | | | | 80.5 |
| | MIN | 55 | 57 | 62 | 65 | | 63 | 66 | 64 | 68 | 70 | 69 | 68 | 73 | 65 | 62 | 63 | 67 | 69 | 65 | 64 | | | 53 | 55 | 45 | | 55 | 57 | | | | 62.5 |
| CHATSWORTH | MAX | 78 | 78 | 82 | 87 | 90 | 91 | 87 | 87 | 91 | 91 | 82 | 84 | 78 | 76 | 81 | 82 | 82 | 78 | 75 | 81 | 81 | 73 | 70 | 70 | 70 | 66 | 69 | 72 | 78 | 77 | | 79.6 |
| | MIN | 50 | 50 | 58 | 59 | 60 | 65 | 63 | 64 | 69 | 64 | 66 | 72 | 68 | 62 | 60 | 57 | 65 | 68 | 65 | 63 | 63 | 48 | 61 | 59 | 38 | 46 | 57 | 57 | 57 | 56 | | 59.7 |
| FREEHOLD | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GLASSBORO | MAX | 73 | 76 | 75 | 81 | 85 | 87 | 87 | 83 | 85 | 88 | 85 | 81 | 82 | 78 | 74 | 84 | 85 | 76 | 80 | 75 | 83 | 78 | 72 | 66 | 68 | 67 | 61 | 67 | 74 | 79 | | 77.8 |
| | MIN | 55 | 59 | 62 | 64 | 65 | 68 | 65 | 67 | 68 | 68 | 67 | 65 | 69 | 61 | 64 | 63 | 66 | 65 | 64 | 63 | 64 | 52 | 55 | 61 | 44 | 52 | 54 | 57 | 59 | 58 | | 61.5 |
| HAMMONTON 2 NNE | MAX | 71 | 78 | 77 | 83 | 90 | 85 | 90 | 85 | 87 | 91 | 87 | 80 | 82 | 78 | 78 | 84 | 86 | 80 | 78 | 75 | 82 | 74 | 72 | 67 | 69 | 70 | 62 | 67 | 73 | 78 | | 78.6 |
| | MIN | 49 | 51 | 54 | 61 | 60 | 61 | 63 | 62 | 64 | 64 | 65 | 69 | 65 | 60 | 60 | 58 | 61 | 63 | 61 | 59 | 59 | 41 | 49 | 57 | 39 | 45 | 53 | 54 | 56 | 53 | | 57.2 |
| HIGHTSTOWN 1 N | MAX | 78 | 77 | 82 | 85 | 89 | 90 | 86 | 86 | 91 | 81 | 77 | 83 | 75 | 76 | 83 | 85 | 78 | 75 | 69 | 78 | 74 | 70 | 67 | 67 | 67 | 60 | 64 | 69 | 77 | 75 | | 77.1 |
| | MIN | 51 | 53 | 61 | 63 | 64 | 69 | 64 | 66 | 69 | 69 | 68 | 69 | 67 | 65 | 63 | 61 | 66 | 68 | 62 | 60 | 60 | 51 | 59 | 56 | 39 | 52 | 56 | 59 | 58 | 57 | | 60.8 |
| INDIAN MILLS 2 W | MAX | 79 | 76 | 82 | 86 | 89 | 90 | 84 | 87 | 91 | 86 | 78 | 82 | 76 | 73 | 85 | 85 | 80 | 79 | 73 | 81 | 74 | 72 | 67 | 68 | 70 | 61 | 68 | 74 | 80 | 78 | | 78.5 |
| | MIN | 47 | 51 | 58 | 60 | 62 | 67 | 63 | 63 | 66 | 64 | 68 | 71 | 68 | 63 | 61 | 58 | 64 | 68 | 63 | 62 | 63 | 48 | 60 | 53 | 35 | 46 | 56 | 56 | 55 | 54 | | 59.1 |
| MILLVILLE FAA AIRPORT | MAX | 75 | 75 | 81 | 85 | 87 | 86 | 85 | 86 | 87 | 87 | 80 | 80 | 78 | 78 | 85 | 85 | 76 | 80 | 78 | 84 | 75 | 73 | 69 | 68 | 71 | 62 | 68 | 76 | 78 | 77 | | 78.5 |
| | MIN | 58 | 58 | 61 | 62 | 65 | 66 | 65 | 65 | 67 | 65 | 72 | 71 | 63 | 63 | 65 | 62 | 66 | 65 | 68 | 66 | 60 | 52 | 63 | 52 | 44 | 51 | 57 | 57 | 60 | 61 | | 61.7 |
| MOORESTOWN | MAX | 73 | 77 | 75 | 82 | | | 88 | 84 | 87 | 89 | 87 | 83 | 84 | 78 | 75 | 84 | 85 | 76 | 78 | 79 | 81 | 73 | 74 | 67 | 67 | 67 | 58 | 66 | 73 | 81 | | 77.6 |
| | MIN | 52 | 55 | 60 | 64 | | | 65 | 67 | 69 | 68 | 66 | 68 | 68 | 65 | 62 | 62 | 63 | 67 | 62 | 63 | 64 | 51 | 55 | 58 | 37 | 48 | 55 | 58 | 58 | 57 | | 60.3 |
| NEW BRUNSWICK | MAX | 73 | 79 | 76 | 79 | 84 | 87 | 88 | 83 | 85 | 89 | 76 | 78 | 82 | 77 | 76 | 83 | 84 | 76 | 75 | 68 | 76 | 72 | 72 | 67 | 67 | 67 | 62 | 64 | 68 | 78 | | 76.4 |
| | MIN | 52 | 52 | 56 | 63 | 65 | 67 | 65 | 65 | 68 | 69 | 66 | 68 | 67 | 65 | 64 | 62 | 64 | 68 | 62 | 62 | 61 | 51 | 54 | 58 | 40 | 45 | 55 | 58 | 59 | 58 | | 60.3 |
| PEMBERTON 3 E | MAX | 80 | 79 | 83 | 86 | 90 | 90 | 84 | 88 | 92 | 90 | 80 | 82 | 78 | 78 | 87 | 87 | 82 | 77 | 72 | 80 | 78 | 72 | 68 | 70 | 70 | 62 | 68 | 72 | 79 | 77 | | 79.4 |
| | MIN | 47 | 51 | 59 | 60 | 60 | 66 | 65 | 65 | 68 | 65 | 67 | 69 | 68 | 63 | 61 | 59 | 61 | 68 | 62 | 62 | 62 | 49 | 59 | 56 | 39 | 47 | 56 | 59 | 57 | 54 | | 59.5 |
| SEABROOK FARMS | MAX | 74 | 75 | 75 | 80 | 83 | 87 | 87 | 84 | 85 | 89 | 87 | 82 | 82 | 77 | 75 | 84 | 84 | 77 | 80 | 78 | 83 | 73 | 73 | 67 | 67 | 67 | 62 | 67 | 77 | 79 | | 78.0 |
| | MIN | 58 | 58 | 61 | 64 | 65 | 67 | 63 | 68 | 68 | 66 | 71 | 71 | 69 | 63 | 65 | 63 | 65 | 66 | 66 | 65 | 65 | 50 | 55 | 60 | 43 | 48 | 57 | 57 | 59 | 58 | | 61.8 |

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SHILOH | MAX | 75 | 74 | 80 | 82 | 86 | 85 | 82 | 84 | 86 | 84 | 83 | 81 | 77 | 76 | 83 | 83 | 83 | 79 | 77 | 82 | 79 | 73 | 72 | 67 | 68 | 66 | 66 | 77 | 78 | 76 | | 78.1 |
| | MIN | 59 | 59 | 61 | 63 | 65 | 66 | 62 | 68 | 67 | 65 | 71 | 70 | 68 | 62 | 65 | 63 | 64 | 65 | 65 | 65 | 63 | 50 | 62 | 60 | 44 | 52 | 56 | 58 | 59 | 58 | | 61.8 |
| TOMS RIVER | MAX | 72 | 76 | 76 | 81 | 87 | 89 | 90 | 83 | 84 | 91 | 77 | 79 | 82 | 76 | 75 | 84 | 83 | 77 | 78 | 73 | 79 | 74 | 70 | 70 | 70 | 65 | 63 | 68 | 73 | 78 | | 77.4 |
| | MIN | 49 | 49 | 54 | 61 | 62 | 69 | 63 | 65 | 67 | 67 | 66 | 70 | 68 | 64 | 63 | 60 | 60 | 68 | 67 | 67 | 64 | 50 | 58 | 61 | 40 | 42 | 55 | 61 | 60 | 55 | | 60.2 |
| TRENTON WSO | MAX | 76 | 75 | 81 | 85 | 89 | 87 | 85 | 86 | 90 | 80 | 75 | 80 | 76 | 72 | 83 | 85 | 77 | 74 | 70 | 79 | 72 | 69 | 67 | 67 | 65 | 58 | 64 | 68 | 78 | 75 | | 76.3 |
| | MIN | 57 | 59 | 65 | 66 | 68 | 71 | 67 | 69 | 70 | 70 | 70 | 71 | 68 | 66 | 65 | 66 | 68 | 68 | 64 | 64 | 58 | 54 | 62 | 51 | 46 | 54 | 58 | 62 | 62 | 62 | | 63.4 |
| TUCKERTON | MAX | 74 | 75 | 79 | 83 | 87 | 87 | 82 | 82 | 84 | 81 | 78 | 82 | 77 | 76 | 82 | 84 | 80 | 76 | 76 | 80 | 76 | 71 | 68 | 71 | 66 | 62 | 69 | 75 | 77 | 74 | | 77.1 |
| | MIN | 50 | 52 | 58 | 62 | 64 | 67 | 63 | 68 | 69 | 66 | 69 | 72 | 68 | 64 | 63 | 59 | 66 | 68 | 66 | 68 | 65 | 51 | 65 | 61 | 41 | 47 | 59 | 59 | 62 | 58 | | 61.7 |
| WOODSTOWN | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 71 | 71 | 72 | 74 | 76 | 77 | 76 | 75 | 76 | 81 | 73 | 75 | 73 | 72 | 78 | 77 | 75 | 74 | 73 | 75 | 71 | 67 | 67 | 65 | 63 | 63 | 66 | 71 | 73 | 71 | | 72.4 |
| | MIN | 59 | 64 | 66 | 66 | 67 | 68 | 67 | 70 | 68 | 68 | 69 | 71 | 68 | 63 | 63 | 66 | 65 | 66 | 68 | 68 | 59 | 54 | 62 | 53 | 47 | 54 | 61 | 58 | 63 | 61 | | 63.4 |
| CAPE MAY 1 NW | MAX | 74 | 73 | 74 | 77 | 79 | 83 | 81 | 80 | 81 | 79 | 81 | 79 | 80 | 76 | 75 | 83 | 82 | 79 | 79 | 77 | 80 | 70 | 71 | 72 | 69 | 67 | 66 | 70 | 75 | 74 | | 76.2 |
| | MIN | 61 | 58 | 62 | 64 | 67 | 66 | 67 | 68 | 67 | 63 | 65 | 72 | 68 | 64 | 66 | 63 | 67 | 65 | 67 | 70 | 69 | 53 | 54 | 66 | 50 | 50 | 60 | 58 | 63 | 64 | | 63.2 |
| LONG BRANCH 2 S | MAX | 77 | 75 | 75 | 85 | 87 | 87 | 76 | 80 | 89 | 80 | 73 | 80 | 75 | 74 | 80 | 81 | 77 | 74 | 71 | 75 | 74 | 70 | 68 | 68 | 67 | 66 | 66 | 69 | 76 | 75 | | 75.7 |
| | MIN | 54 | 53 | 62 | 65 | 66 | 71 | 65 | 66 | 69 | 69 | 69 | 69 | 67 | 64 | 65 | 63 | 69 | 70 | 66 | 66 | 62 | 56 | 62 | 59 | 46 | 50 | 59 | 64 | 63 | 59 | | 62.9 |
| SANDY HOOK | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

# EVAPORATION AND WIND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | EVAP | .14 | .19 | .18 | .13 | .21 | .24 | .16 | .06 | .27 | .21 | .10 | .08 | .29 | .18 | .10 | .14 | .18 | .07 | .06 | .03 | .07 | .18 | .11 | .06 | .20 | .12 | .03 | .01 | .01 | .12 | | 3.93 |
| | WIND | 22 | 18 | 45 | 58 | 63 | 54 | 45 | 33 | 49 | 37 | 30 | 43 | 25 | 39 | 35 | 22 | 31 | 29 | 32 | 64 | 50 | 37 | 21 | 45 | 46 | 15 | 13 | 20 | 5 | 25 | | 1051 |
| | MAX | 71 | 84 | 72 | 70 | 79 | 83 | 83 | 79 | 80 | 85 | 73 | 70 | 75 | 70 | 71 | 80 | 79 | 68 | 67 | 62 | 68 | 70 | 66 | 59 | 67 | 62 | 55 | 56 | 60 | 72 | | 71.2 |
| | MIN | 59 | 59 | 60 | 64 | 65 | 68 | 68 | 68 | 69 | 70 | 70 | 69 | 68 | 67 | 66 | 66 | 66 | 67 | 62 | 59 | 62 | 55 | 54 | 58 | 46 | 47 | 51 | 54 | 56 | 60 | | 61.8 |
| PEMBERTON 3 E | EVAP | .05 | .12 | .08 | .11 | .11 | .12 | .09 | .08 | .11 | .12 | .12 | .01 | - | .14 | .06 | .11 | .08 | .06 | .02 | .06 | .07 | .12 | .04 | .11 | .11 | .03 | .07 | .02 | .06 | .08 | | 2.448 |
| | WIND | 7 | 11 | 6 | 4 | 5 | 5 | 20 | 6 | 9 | 16 | 11 | 25 | 37 | 7 | 3 | 3 | 14 | 14 | 25 | 36 | 25 | 13 | 17 | 16 | 10 | 8 | 12 | 13 | 11 | 6 | | 395 |
| SEABROOK FARMS | EVAP | .14 | .15 | .10 | .09 | * | .49 | .23 | .17 | .20 | .21 | .17 | .17 | - | .15 | .06 | .21 | .19 | .14 | .15 | .14 | .16 | .10 | .14 | .00 | .08 | .13 | .16 | .01 | .09 | .13 | | 4.308 |
| | MAX | 77 | 79 | 78 | 87 | - | 94 | 93 | 88 | 92 | 94 | 91 | 94 | 83 | 81 | 76 | 91 | 90 | 80 | 80 | 81 | 86 | 77 | 76 | 67 | 76 | 76 | 59 | 65 | 77 | 83 | | 81.8 |
| | MIN | 61 | 60 | 59 | 63 | - | 66 | 66 | 66 | 69 | 68 | 69 | 72 | 68 | 65 | 65 | 66 | 67 | 67 | 67 | 65 | 65 | 55 | 55 | 60 | 48 | 48 | 55 | 56 | 58 | 61 | | 62.4 |

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Standard of Time EASTERN | | | | | | | | | | | | |
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WSO | 14 | 2.5 | 7.9 | 20++ | 15 | 13+ | 96 | 96 | 75 | 91 | 3 | 3 | 3 | 0 | 1 | 1 | 11 | 50 | 7.0 |
| ATLANTIC CITY | - | - | - | 23 | NW | 21+ | - | - | - | - | 0 | 3 | 0 | 0 | 2 | 1 | 6 | - | - |
| NEWARK WSO | 11 | 0.5 | 7.8 | 23++ | 33 | 24 | 78 | 78 | 61 | 69 | 3 | 4 | 2 | 2 | 1 | 1 | 13 | - | 7.3 |
| TRENTON WSO | - | - | - | 32 | NE | 11 | - | - | - | - | 4 | 3 | 2 | 1 | 1 | 1 | 12 | 43 | 7.2 |

# DAILY SOIL TEMPERATURES

NEW JERSEY
SEPTEMBER 1971

| Station | Depth (IN) | Time | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 81 | 80 | 80 | 83 | 84 | 87 | 84 | 85 | 85 | 81 | 81 | 82 | 80 | 79 | 82 | 83 | 79 | 79 | 75 | 78 | 76 | 76 | 73 | 72 | 71 | 69 | 69 | 70 | 76 | - | | 78.6 |
| | | MIN | 70 | 70 | 74 | 75 | 76 | 78 | 78 | 78 | 78 | 79 | 78 | 78 | 77 | 76 | 75 | 74 | 75 | 75 | 73 | 72 | 71 | 69 | 70 | 65 | 63 | 66 | 67 | 68 | 68 | - | | 73.0 |
| | 2 | MAX | 79 | 78 | 79 | 81 | 83 | 85 | 83 | 84 | 84 | 81 | 80 | 81 | 80 | 79 | 81 | 81 | 79 | 78 | 75 | 76 | 76 | 75 | 73 | 72 | 70 | 69 | 69 | 70 | 75 | - | | 77.8 |
| | | MIN | 71 | 71 | 74 | 75 | 76 | 78 | 78 | 78 | 78 | 79 | 78 | 78 | 77 | 76 | 75 | 74 | 75 | 75 | 74 | 72 | 72 | 70 | 71 | 66 | 64 | 66 | 67 | 68 | 68 | - | | 73.2 |
| | 4 | MAX | 79 | 78 | 78 | 81 | 82 | 83 | 82 | 83 | 84 | 81 | 80 | 80 | 79 | 79 | 80 | 80 | 78 | 78 | 76 | 76 | 76 | 74 | 73 | 72 | 70 | 69 | 69 | 70 | 74 | - | | 77.4 |
| | | MIN | 72 | 72 | 74 | 75 | 76 | 78 | 78 | 78 | 78 | 79 | 78 | 78 | 78 | 76 | 76 | 75 | 76 | 76 | 74 | 73 | 73 | 71 | 71 | 68 | 65 | 67 | 68 | 69 | 69 | - | | 73.8 |
| | 8 | MAX | 77 | 76 | 77 | 78 | 79 | 80 | 80 | 80 | 81 | 80 | 79 | 79 | 78 | 78 | 78 | 78 | 77 | 77 | 76 | 76 | 75 | 74 | 73 | 72 | 70 | 69 | 69 | 70 | 72 | - | | 76.1 |
| | | MIN | 74 | 73 | 74 | 75 | 76 | 77 | 78 | 78 | 78 | 79 | 78 | 78 | 78 | 76 | 76 | 76 | 76 | 76 | 75 | 74 | 74 | 72 | 72 | 70 | 68 | 69 | 69 | 69 | 69 | - | | 74.4 |
| | 20 | MAX | 76 | 75 | 75 | 76 | 76 | 77 | 77 | 77 | 78 | 77 | 77 | 77 | 77 | 76 | 77 | 77 | 76 | 75 | 75 | 75 | 74 | 74 | 73 | 73 | 71 | 71 | 70 | 70 | 71 | - | | 74.9 |
| | | MIN | 74 | 74 | 74 | 74 | 74 | 75 | 75 | 76 | 76 | 76 | 76 | 76 | 76 | 75 | 75 | 75 | 75 | 75 | 74 | 74 | 73 | 73 | 73 | 71 | 71 | 70 | 70 | 70 | 70 | - | | 73.8 |
| | 40 | MAX | 74 | 74 | 74 | 74 | 74 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 76 | 75 | 75 | 74 | 73 | 74 | 73 | 73 | 73 | 72 | 71 | 71 | 70 | 70 | 71 | - | | 73.7 |
| | | MIN | 72 | 72 | 72 | 72 | 72 | 73 | 73 | 73 | 73 | 74 | 74 | 74 | 74 | 73 | 74 | 73 | 73 | 73 | 73 | 73 | 72 | 72 | 72 | 71 | 71 | 70 | 70 | 70 | 70 | - | | 72.3 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 89 | 86 | 85 | 91 | 95 | 98 | 94 | 93 | 96 | 85 | 85 | 90 | 87 | 88 | 93 | 92 | 82 | 81 | 73 | 81 | 85 | 81 | 71 | 76 | 76 | 67 | 67 | 70 | 84 | - | | 84.2 |
| | | MIN | 62 | 63 | 69 | 69 | 70 | 76 | 75 | 74 | 74 | 76 | 76 | 77 | 75 | 73 | 71 | 70 | 72 | 72 | 67 | 68 | 64 | 60 | 65 | 54 | 50 | 60 | 62 | 64 | 64 | - | | 68.0 |
| | 2 | MAX | 86 | 83 | 83 | 89 | 92 | 95 | 91 | 91 | 94 | 84 | 83 | 88 | 85 | 86 | 91 | 90 | 81 | 80 | 73 | 80 | 83 | 79 | 71 | 75 | 74 | 67 | 66 | 69 | 83 | - | | 82.5 |
| | | MIN | 63 | 64 | 69 | 70 | 71 | 76 | 75 | 74 | 75 | 76 | 76 | 77 | 76 | 73 | 72 | 70 | 73 | 72 | 68 | 68 | 66 | 61 | 66 | 56 | 52 | 60 | 62 | 64 | 64 | - | | 68.6 |
| | 4 | MAX | 82 | 80 | 80 | 83 | 87 | 88 | 86 | 87 | 88 | 82 | 80 | 84 | 82 | 82 | 85 | 85 | 80 | 78 | 73 | 77 | 79 | 75 | 71 | 72 | 71 | 66 | 66 | 68 | 78 | - | | 79.1 |
| | | MIN | 67 | 68 | 71 | 72 | 73 | 77 | 76 | 75 | 76 | 78 | 76 | 77 | 78 | 75 | 74 | 73 | 75 | 73 | 70 | 69 | 70 | 65 | 68 | 62 | 57 | 62 | 63 | 65 | 65 | - | | 70.7 |
| | 8 | MAX | 78 | 76 | 77 | 79 | 81 | 82 | 81 | 82 | 83 | 80 | 78 | 80 | 79 | 79 | 81 | 81 | 78 | 77 | 73 | 75 | 76 | 73 | 71 | 71 | 68 | 66 | 66 | 67 | 73 | - | | 76.2 |
| | | MIN | 71 | 71 | 72 | 73 | 74 | 77 | 77 | 77 | 76 | 78 | 77 | 77 | 78 | 76 | 76 | 76 | 76 | 73 | 73 | 71 | 73 | 69 | 70 | 67 | 63 | 65 | 65 | 66 | 67 | - | | 72.6 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

| | |
|---|---|
| SUB-STA 1 | : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER. |
| SUB-STA 2 | : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES. |

# SPECIAL WEATHER SUMMARY

The most significant weather event of the month was the heavy rainfall from the 11th to the 14th, especially over the northern third of the State. For the 4-day period station totals were as high as 9.1 inches, and northern New Jersey averaged 5.6 inches of rain. Amounts were somewhat less over the rest of the State, but flooding occurred in many localities, particularly in the northern and central counties. Agricultural crop losses were significant throughout the State.

Donald V. Dunlap
Climatologist for New Jersey
Department of Meteorology
College of Agriculture and Environmental
Science
Rutgers - The State University
New Brunswick, New Jersey 08903

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WSO | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| WATLANTIC CITY R | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON 2 N | 1754 | 01 | HUNTERDON | 10 | 40 40 | 74 55 | 350 | | | | C | NJ BUREAU OF WTR SUPPLY |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A | | | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A | | | INACTIVE 9/1/70 |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | H | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | H | MRS. ALICE A. HOLZ |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 9A | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | 8A | 8A | | H | US DEPT OF AGRICULTURE |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| MOUNT HOLLY | 5866 | 02 | BURLINGTON | 2 | 39 59 | 74 48 | 10 | | | | C | J. WESLEY GOODFELLOW |
| NEWARK WSO R | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8P | 8P | | H | ROBERT DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. HARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | H | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A | | H | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| WTRENTON WSO R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER & LIGHT CO. |
| WINDSOR | 9761 | 02 | MERCER | 2 | 40 15 | 74 35 | 88 | | | | C | JACOBUS J. MOUIMAN |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN 11-ROCKAWAY

# REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., e.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 1:00 p.m., e.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| - | No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.<br>No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry. |
| + | And also on an earlier date or dates. |
| ++ | Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data. |
| * | Amount included in following measurement, time distribution unknown. |
| // | Gage is equipped with a windshield. |
| B | Adjusted to a full month. |
| D | Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall. |
| M | One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month. |
| R | Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.) |
| T | Trace, an amount too small to measure. |
| V | Includes total for previous month. |

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| AR | This entry in time of observation column in Station Index means after rain. |
| C | Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin. |
| G | "Soil Temperature" table. |
| H | "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month. |
| J | "Supplemental Data" table. |
| S | Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin. |
| SS | This entry in time of observation column in Station Index means observation made near sunset. |
| VAR | This entry in time of observation column in Station Index means variable. |
| # | Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building. |

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE-11/2/71-920

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# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
OCTOBER 1971
Volume 76 No. 10

THE LIBRARY OF THE
JAN 4 1972
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | Temperature: Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | No. of Days Max. 90° or Above | Max. 32° or Below | Min. 32° or Below | Min. 0° or Below | Precipitation: Total | Departure From Normal | Greatest Day | Date | Snow, Sleet Total | Max. Depth on Ground | Date | No. of Days .10 or More | .50 or More | 1.00 or More |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 68.3 | 48.1 | 58.2 | 3.3 | 78 | 30 | 38 | 13 | 210 | 0 | 0 | 0 | 0 | 4.48 | 1.06 | 1.24 | 11 | .0 | 0 | | 6 | 5 | 2 |
| BOONTON 1 SE | 68.3 | 46.9 | 57.6 | 4.3 | 76 | 29+ | 37 | 21+ | 227 | 0 | 0 | 0 | 0 | 3.84 | .44 | 1.52 | 11 | .0 | 0 | | 4 | 3 | 2 |
| CANOE BROOK | 69.9M | 45.9 | 57.9M | 4.2 | 78 | 29+ | 36 | 8 | 220 | 0 | 0 | 0 | 0 | 4.42 | 1.01 | 2.21 | 11 | .0 | 0 | | 5 | 2 | 2 |
| CHARLOTTEBURG | 67.5 | 45.1 | 56.3 | 4.0 | 79 | 29 | 36 | 13 | 263 | 0 | 0 | 0 | 0 | 4.69 | .85 | 2.25 | 25 | .0 | 0 | | 5 | 2 | 2 |
| CRANFORD | 70.3 | 51.5 | 60.9 | | 78 | 29+ | 38 | 13 | 146 | 0 | 0 | 0 | 0 | 4.06 | | 1.89 | 10 | .0 | 0 | | 5 | 2 | 2 |
| ESSEX FELLS SERV BLDG | 68.8 | 48.4 | 58.6 | | 77 | 29+ | 37 | 13+ | 198 | 0 | 0 | 0 | 0 | 5.06 | | 1.65 | 25 | .0 | 0 | | 5 | 4 | 2 |
| FLEMINGTON 1 NE | 69.6 | 46.7 | 58.2 | 2.4 | 78 | 1 | 34 | 8 | 213 | 0 | 0 | 0 | 0 | 3.86 | .54 | 1.72 | 11 | .0 | 0 | | 5 | 3 | 2 |
| HIGH POINT PARK | 68.0 | 46.2 | 57.1 | | 76 | 3 | 36 | 9 | 240 | 0 | 0 | 0 | 0 | 3.86 | | 1.96 | 11 | .0 | 0 | | 5 | 2 | 2 |
| JERSEY CITY | 68.2 | 56.4 | 62.3 | 5.6 | 76 | 28+ | 44 | 8 | 110 | 0 | 0 | 0 | 0 | 4.01 | .83 | 1.92 | 24 | .0 | 0 | | 3 | 3 | 2 |
| LAMBERTVILLE | 71.3 | 51.7 | 61.5 | 6.0 | 82 | 29 | 37 | 8 | 129 | 0 | 0 | 0 | 0 | 4.14 | 1.14 | 1.99 | 10 | .0 | 0 | | 5 | 2 | 2 |
| LITTLE FALLS | 69.5 | 49.9 | 59.7 | 4.3 | 77 | 29+ | 39 | 13 | 167 | 0 | 0 | 0 | 0 | 5.47 | 1.77 | 2.16 | 25 | .0 | 0 | | 5 | 3 | 2 |
| LONG VALLEY | 66.8 | 46.8 | 56.8 | | 76 | 30 | 34 | 13 | 246 | 0 | 0 | 0 | 0 | 4.43 | .86 | 1.26 | 11 | .0 | 0 | | 6 | 4 | 3 |
| MORRIS PLAINS 1 W | 69.1 | 46.4 | 57.8 | | 78 | 16 | 34 | 8 | 222 | 0 | 0 | 0 | 0 | 4.38 | | 2.00 | 25 | .0 | 0 | | 4 | 2 | 2 |
| NEWARK WSO R | 70.1 | 56.2 | 63.2 | 6.6 | 79 | 5 | 45 | 8 | 95 | 0 | 0 | 0 | 0 | 2.96 | - .15 | 1.77 | 10 | .0 | 0 | | 4 | 2 | 1 |
| NEWTON | 66.5 | 43.3 | 54.9 | 2.4 | 76 | 4 | 32 | 19 | 306 | 0 | 0 | 1 | 0 | 3.75 | .33 | 2.05 | 11 | .0 | 0 | | 5 | 2 | 1 |
| PATERSON | 70.3 | 51.9 | 61.1 | 5.0 | 80 | 15 | 40 | 8 | 140 | 0 | 0 | 0 | 0 | 4.74 | 1.27 | 2.38 | 10 | .0 | 0 | | 4 | 2 | 2 |
| PHILLIPSBURG | 66.0 | 46.9 | 56.5 | 2.0 | 76 | 4 | 34 | 12 | 260 | 0 | 0 | 0 | 0 | 4.61 | 1.19 | 1.99 | 11 | .0 | 0 | | 6 | 4 | 1 |
| PLAINFIELD | 69.4 | 52.1 | 60.8 | 4.9 | 79 | 15 | 37 | 8 | 150 | 0 | 0 | 0 | 0 | 3.90 | .44 | 1.89 | 10 | .0 | 0 | | 5 | 2 | 2 |
| SOMERVILLE 3 NW | 69.1 | 48.0 | 58.6 | 3.3 | 77 | 6 | 34 | 8 | 202 | 0 | 0 | 0 | 0 | 3.91 | .56 | 1.80 | 11 | .0 | 0 | | 5 | 3 | 1 |
| SUSSEX 1 SE | 66.5M | 45.2M | 55.9M | 2.7 | 77 | 29 | 34 | 20+ | 282 | 0 | 0 | 0 | 0 | 3.97 | .69 | 2.38 | 11 | .0 | 0 | | 5 | 2 | 1 |
| DIVISION | | | 58.7 | 4.2 | | | | | | | | | | 4.23 | .81 | | | .0 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 68.2 | 53.1 | 60.7 | 3.5 | 77 | 2 | 38 | 8 | 143 | 0 | 0 | 0 | 0 | 4.20 | 1.00 | 1.69 | 24 | .0 | 0 | | 6 | 2 | 2 |
| AUDUBON | 71.6 | 54.5 | 63.1 | | 80 | 14 | 43 | 13+ | 94 | 0 | 0 | 0 | 0 | 3.98 | | 1.84 | 24 | .0 | 0 | | 4 | 2 | 2 |
| BELLEPLAIN ST FOREST | 71.5 | 54.5 | 63.0 | | 82 | 2 | 35 | 8 | 94 | 0 | 0 | 0 | 0 | 5.16 | 1.47 | 2.43 | 24 | .0 | 0 | | 7 | 2 | 2 |
| BURLINGTON | 70.2M | 55.8M | 63.0M | 5.0 | | | 44 | 13+ | 95 | 0 | 0 | 0 | 0 | 4.03 | .68 | 2.10 | 24 | .0 | 0 | | 4 | 2 | 2 |
| CHATSWORTH | 72.0 | 53.1 | 62.6 | | 79 | 15+ | 34 | 8 | 109 | 0 | 0 | 0 | 0 | 4.90 | | 1.78 | 24 | .0 | 0 | | 6 | 3 | 2 |
| FREEHOLD | 68.8 | 51.5 | 60.2 | 4.1 | 78 | 29+ | 39 | 8 | 152 | 0 | 0 | 0 | 0 | 4.89 | 1.30 | 1.45 | 25 | .0 | 0 | | 8 | 4 | 2 |
| GLASSBORO | 70.3 | 52.5 | 61.4 | | 78 | 15+ | 42 | 8 | 123 | 0 | 0 | 0 | 0 | 5.89 | | 1.80 | 24 | .0 | 0 | | 6 | 5 | 3 |
| HAMMONTON 2 NNE | 72.0 | 49.4 | 60.7 | 3.5 | 80 | 15 | 37 | 8 | 141 | 0 | 0 | 0 | 0 | 6.55 | 2.86 | 2.04 | 24 | .0 | 0 | | 9 | 3 | 3 |
| HIGHTSTOWN 1 N | 69.0 | 53.2 | 61.1 | 5.2 | 78 | 29+ | 38 | 8 | 133 | 0 | 0 | 0 | 0 | 4.41 | 1.09 | 1.60 | 10 | .0 | 0 | | 7 | 2 | 2 |
| INDIAN MILLS 2 W | 70.7 | 52.4 | 61.6 | 5.7 | 80 | 14 | 34 | 8 | 124 | 0 | 0 | 0 | 0 | 5.68 | 2.27 | 2.05 | 24 | .0 | 0 | | 6 | 3 | 3 |
| MILLVILLE FAA AIRPORT | 70.3 | 55.0 | 62.7 | | 81 | 2 | 40 | 8 | 98 | 0 | 0 | 0 | 0 | 5.33 | | 2.58 | 24 | .0 | 0 | | 5 | 2 | 2 |
| MOORESTOWN | 70.5 | 51.8 | 61.2 | 5.3 | 79 | 30+ | 37 | 8 | 135 | 0 | 0 | 0 | 0 | 5.81 | 2.75 | 3.13 | 25 | .0 | 0 | | 4 | 3 | 2 |
| NEW BRUNSWICK | 68.8 | 50.7 | 59.8 | 3.7 | 77 | 16+ | 40 | 13+ | 165 | 0 | 0 | 0 | 0 | 3.70 | .54 | 1.10 | 11 | .0 | 0 | | 7 | 3 | 1 |
| PEMBERTON 3 E | 72.0 | 52.9 | 62.5 | 5.7 | 81 | 15+ | 35 | 8 | 105 | 0 | 0 | 0 | 0 | 4.83 | 1.56 | 2.15 | 24 | .0 | 0 | | 8 | 2 | 2 |
| SEABROOK FARMS | 70.7 | 53.1 | 61.9 | | 79 | 3 | 41 | 8 | 112 | 0 | 0 | 0 | 0 | 5.83 | | 1.75 | 24 | .0 | 0 | | 9 | 4 | 2 |
| SHILOH | 70.7 | 54.6 | 62.7 | 5.4 | 80 | 2 | 44 | 8 | 94 | 0 | 0 | 0 | 0 | 5.23 | 2.07 | 1.86 | 24 | .0 | 0 | | 6 | 3 | 2 |
| TOMS RIVER | 69.5 | 51.5 | 60.5 | | 77 | 16+ | 37 | 8 | 148 | 0 | 0 | 0 | 0 | 4.04 | | 1.24 | 10 | .0 | 0 | | 7 | 4 | 1 |
| TRENTON WSO R | 68.5 | 55.8 | 62.2 | 5.4 | 78 | 29 | 45 | 13+ | 109 | 0 | 0 | 0 | 0 | 3.70 | .86 | 1.81 | 24 | .0 | 0 | | 3 | 2 | 2 |
| TUCKERTON | 68.9 | 55.0 | 62.0 | | 78 | 14+ | 39 | 8 | 119 | 0 | 0 | 0 | 0 | 4.72 | | 1.70 | 10 | .0 | 0 | | 6 | 2 | 2 |
| WOODSTOWN | | | | | | | | | | | | | | | | | | | | | | | |
| DIVISION | | | 61.7 | 5.2 | | | | | | | | | | 4.89 | 1.54 | | | .0 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 64.6 | 55.3 | 60.0 | 1.3 | 73 | 6 | 42 | 8 | 158 | 0 | 0 | 0 | 0 | 3.60 | .21 | 1.31 | 10 | | | | 6 | 2 | 2 |
| CAPE MAY 1 NW | 69.2 | 57.1 | 63.2 | | 79 | 3 | 46 | 8 | 83 | 0 | 0 | 0 | 0 | 7.13 | | 2.57 | 6 | .0 | 0 | | 8 | 5 | 3 |
| LONG BRANCH 2 S | 67.0 | 55.4 | 61.2 | 5.0 | 75 | 29+ | 40 | 8 | 135 | 0 | 0 | 0 | 0 | 5.71 | 2.00 | 1.92 | 10 | .0 | 0 | | 6 | 4 | 2 |
| SANDY HOOK | 68.1 | 58.0 | 63.1 | | 75 | 29+ | 49 | 8 | 86 | 0 | 0 | 0 | 0 | 5.18 | | | | .0 | 0 | | | | |
| DIVISION | | | 61.9 | 3.9 | | | | | | | | | | 5.41 | 2.11 | | | .0 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>2 STATIONS | 82 | DATE | 29+ |
| LOWEST TEMPERATURE<br>NEWTON | 32 | DATE | 19 |
| GREATEST TOTAL PRECIPITATION<br>CAPE MAY 1 NW | 7.13 | | |
| LEAST TOTAL PRECIPITATION<br>NEWARK WSO R | 2.96 | | |
| GREATEST 1 DAY PRECIPITATION<br>MAYS LANDING 1 W | 3.15 | DATE | 24 |

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 83

# DAILY PRECIPITATION

NEW JERSEY
OCTOBER 1971

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 4.48 | | | .50 | | | | .10 | | | 1.13 | 1.24 | .02 | T | | | | | | | | | | | .60 | .87 | .02 | | | | | |
| BERNARDSVILLE 2 E | 3.89 | | | .08 | | | | .07 | | | .44 | 1.65 | .02 | | | | | | | | | | | | .22 | 1.39 | .02 | | | | | |
| BLACKWELLS MILLS | 3.86 | | | .22 | | | | T | | | .66 | 1.32 | | | | .22 | | | | | | | | | .25 | 1.10 | .09 | | | | | |
| BOONTON 1 SE | 3.84 | | | .02 | T | | | .02 | | | .60 | 1.52 | .03 | | | | | | | | T | | | | .20 | 1.40 | .05 | T | | | | |
| BOUND BROOK 2 W | 3.65 | | | .23 | | | | T | | | .60 | 1.35 | | | | | | | | | | | | | .27 | 1.20 | T | | | | | |
| BRANCHVILLE | 3.86 | | | .08 | | | | .12 | | | 2.12 | .27 | T | | | | | | | | .01 | | | | .09 | 1.14 | .03 | | | | | |
| CANISTEAR RESERVOIR | 4.65 | | | .15 | | | | .15 | .14 | | .43 | 1.60 | .11 | | T | | | | | | T | | | | .05 | 1.90 | .11 | | .01 | | | |
| CANOE BROOK | 4.42 | | | .15 | | | | T | | | .27 | 2.21 | T | | | .04 | | | | | | | | | .26 | 1.46 | .03 | | | | | |
| CHARLOTTEBURG | 4.69 | | | .12 | | | | .05 | | | .31 | 1.69 | .07 | | T | | | | | | T | | | | .13 | 2.25 | .07 | T | T | | | |
| CRANFORD | 4.06 | | .25 | | | | T | T | | | 1.89 | .30 | | | T | .02 | | | | | | | | | 1.34 | .26 | T | | | | | |
| ESSEX FELLS SERV BLDG | 5.06 | | | .60 | | | | | | | 1.46 | .95 | | | | | | | | | | | | | .38 | 1.65 | .02 | | | | | |
| FLEMINGTON 1 NE | 3.86 | | | .05 | | | | .01 | | | .53 | 1.72 | | | | | | | | | | | | | .10 | 1.28 | .15 | | | | | .02 |
| GREENWOOD LAKE | 3.72 | | | .08 | | | | .05 | .03 | | .25 | 1.60 | .12 | | | | | | | | | | | | .08 | 1.45 | .06 | | | | | |
| HIGH POINT PARK | 3.86 | | | .06 | | | | | | | .10 | 1.96 | .21 | | | | | | | | .03 | | | | .20 | 1.25 | .05 | | | | | |
| JERSEY CITY | 4.01 | | .63 | | | | T | T | | | 1.42 | .04 | | | | | | | | | | | | | 1.92 | | T | | | | | |
| LAMBERTVILLE | 4.14 | | .22 | | | | T | | | | 1.99 | .17 | T | | | | | | | | | | | | 1.57 | .11 | .04 | | | | | .04 |
| LITTLE FALLS | 5.47 | | | .49 | | | .01 | .01 | | | .75 | 1.63 | .01 | | | | .01 | | | | | | | | .36 | 2.16 | .04 | | | | | |
| LONG VALLEY | 4.43 | | | .15 | | | | .30 | | | 1.03 | 1.26 | .04 | | T | T | | | | | | | | | .56 | 1.06 | .03 | | | | | |
| MAHWAH | 3.69 | | | .06 | | | | .01 | | | .36 | 1.75 | .05 | | | | | | | | | | | | .49 | .95 | .02 | | | | | |
| MIDLAND PARK | 4.40 | | .22 | | | | .03 | | | | 2.34 | .05 | | | | | | | | | | | | | 1.57 | .10 | | | | | | .09 |
| MILTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MORRIS PLAINS 1 W | 4.38 | | T | .07 | | | | .01 | | | .40 | 1.52 | .06 | | | .01 | | | | | T | T | | | .28 | 2.00 | .03 | | | | | |
| NEWARK WSO R | 2.96 | | .16 | | | | T | .03 | | T | 1.77 | T | | | T | | | | | | | | | | .79 | .15 | .04 | T | T | | | .02 |
| NEW MILFORD | 3.46 | | .19 | | | | | | | | 2.11 | .07 | | | | | | | | | | | | | .87 | .22 | | | | | | |
| NEWTON | 3.75 | | | .02 | | | | .03 | | | .39 | 2.05 | .16 | | | | | | | | .02 | | | | .24 | .80 | .04 | | T | | | |
| OAK RIDGE RESERVOIR | 3.78 | | | .08 | | | | .11 | | | .38 | 1.73 | .12 | | | | | | | | .04 | | | | .11 | 1.09 | .12 | | | | | |
| PATERSON | 4.74 | | T | | | | | | | | 2.38 | .26 | | | | | | | | | | | | | 1.80 | .24 | | | | | | .06 |
| PHILLIPSBURG | 4.61 | | | .74 | .02 | .02 | T | .14 | | | .59 | 1.99 | | | | | | | | | | | | | .38 | .67 | .03 | | .02 | | | .01 |
| PLAINFIELD | 3.90 | | .10 | | | | .06 | T | | | 1.89 | .33 | | | .01 | | | | | | | | | | 1.35 | .14 | .02 | | | | | |
| POTTERSVILLE 2 NNW | 4.11 | | | .54 | | | | .10 | | | .09 | 2.01 | .04 | | | .03 | | | | | | | | | | .09 | 1.18 | .01 | .02 | | | |
| RAHWAY | 3.20 | | .31 | | | | .05 | .02 | | | 1.81 | .02 | | | .02 | | | | | | | | | | .88 | .05 | | | | | | .04 |
| RINGWOOD | 3.61 | | | .06 | | | | .02 | | | .55 | 1.21 | .07 | | | | | | | | | | | | .30 | 1.35 | .05 | | | | | |
| SOMERVILLE 3 NW | 3.91 | | | .58 | | | | T | | | .30 | 1.80 | | | | T | | .01 | | | | | | | .37 | .84 | .01 | | | | | |
| SPLIT ROCK POND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SUSSEX 1 SE | 3.97 | | | .03 | | | | .06 | .01 | | .33 | 2.38 | .02 | | | | | | | | | | | | .18 | .84 | .12 | | T | | | |
| WANAQUE RAYMOND DAM | 3.86 | | | .15 | | | | .08 | | | .32 | 1.67 | .06 | | | | | | | | | | | | .23 | 1.30 | .05 | | | | | |
| WERTSVILLE | 4.37 | | | .55 | | | | .01 | T | | 1.16 | .79 | | | | | | | | | | | T | T | .52 | 1.23 | .09 | | | | | .02 |
| WEST WHARTON | 3.78 | | | | | | | | | | .32 | 1.63 | .05 | | | .02 | | | | | .02 | T | | | .16 | 1.52 | .06 | T | | | | |
| WOODCLIFF LAKE | 3.05 | | .08 | | | | | | | | 2.07 | .05 | | | | | | | | | | | | | .65 | .12 | | | | | | .08 |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 4.20 | T | .06 | T | | | .21 | | | .01 | 1.55 | T | | | T | | | | T | | | | | .43 | 1.69 | .04 | .11 | | | | T | .10 |
| AUDUBON | 3.98 | | .25 | | | | T | | | T | 1.70 | T | | | | | | | | | | | | | 1.84 | T | .07 | | | | | .12 |
| BASS RIVER ST FOREST | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BELLEPLAIN ST FOREST | 5.16 | .02 | .13 | | | T | .44 | | | | 1.62 | .11 | | | | | | T | | | | | | | 2.43 | .04 | .19 | T | | | .06 | .12 |
| BURLINGTON | 4.03 | | .41 | | | | .05 | | | | | | | | | | | | | | | | | | 2.10 | 1.30 | .12 | | | | | .05 |
| CANTON | 3.56 | | .40 | | | | | | | | 1.10 | .65 | | | | .30 | | | | | | | | | .80 | .04 | .27 | | | | | |
| CHATSWORTH | 4.90 | | .35 | | | | .14 | | | | 1.49 | .08 | | | | | | | | | | | | | 1.78 | | .93 | | | | | .13 |
| FORTESCUE | 3.76 | | .17 | | | | .22 | | | | 1.30 | .27 | | | | | | | | | | | | | 1.63 | .07 | .10 | | | | | |
| FREEHOLD | 4.89 | | T | .42 | | | .17 | .01 | | | .60 | 1.10 | | | | .36 | .01 | .01 | | | | | | | .64 | 1.45 | .12 | | | | | |
| GLASSBORO | 5.89 | | .30 | | | | .53 | | | | 1.53 | | | | | | | | | | | | | | 1.80 | .54 | 1.10 | | | | | .09 |
| HAMMONTON 2 NNE | 6.55 | | .11 | .27 | | | .20 | | | | 1.66 | .16 | | | T | .01 | | .01 | | | | | | | 2.04 | .48 | 1.48 | .10 | .01 | | | .02 |
| HIGHTSTOWN 1 N | 4.41 | | .11 | T | | | .33 | T | | | 1.60 | .14 | | | .38 | .08 | | | | | | | | | 1.53 | .21 | .02 | | | | | .01 |
| INDIAN MILLS 2 W | 5.68 | | .38 | | | | .12 | | | | 1.79 | .03 | | | | | | | | | | | | | 2.05 | .05 | 1.03 | | | | | .23 |
| MAYS LANDING 1 W | 5.97 | | .17 | | T | | .20 | .01 | | | 1.40 | .14 | | | | | | | | | | | | | 3.15 | .47 | .10 | .24 | | | | .09 |
| MILLVILLE FAA AIRPORT | 5.33 | T | .47 | T | | T | .01 | | | T | 1.53 | | | | | | | | | | | | | .24 | 2.58 | .05 | .45 | | | | T | T |
| MOORESTOWN | 5.81 | | | .73 | | | | | | | | 1.76 | | | | | | | | | | | | | | 3.13 | .04 | | | | | .15 |
| NEW BRUNSWICK | 3.70 | | T | .22 | | | .12 | .02 | .02 | | .76 | 1.10 | | | | .09 | .01 | T | | | | | | | .35 | .91 | .10 | | | | | |
| PEMBERTON 3 E | 4.83 | | .35 | | | | .13 | | | | 1.46 | .14 | | | | | | | | | | | | | 2.15 | .15 | .34 | | | | | .11 |
| PRINCETON WATER WORKS | 5.23 | | .28 | | | | .02 | T | | T | 1.61 | T | | | .92 | | | | | | | | | | 1.82 | .50 | T | | | | | .08 |
| SEABROOK FARMS | 5.83 | | .67 | .97 | | | .14 | T | | | 1.16 | .31 | T | | | .02 | | T | | | | | .02 | | 1.75 | .24 | .38 | .13 | T | T | | .04 |
| SHILOH | 5.23 | | .38 | .99 | | | .20 | | | | 1.33 | .07 | | | | | | | | | | | | | 1.86 | .01 | .32 | | | | | .07 |
| TOMS RIVER | 4.04 | | .01 | .15 | | | .05 | | | | 1.24 | .69 | | | | | .02 | | | | | | | | .60 | .30 | .80 | .15 | | | | .03 |
| TRENTON WSO R | 3.70 | | .05 | | | | .17 | T | | T | 1.57 | .02 | | | .03 | | | | | | | | T | | 1.81 | .01 | .01 | | | | | .03 |
| TUCKERTON | 4.72 | T | .01 | .30 | T | T | .33 | | | T | 1.70 | .06 | | | T | T | T | .02 | T | | | | | | 1.66 | .03 | .40 | T | T | .02 | T | .19 |
| WOODSTOWN | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 3.60 | | .11 | | | | .25 | | | .13 | 1.31 | | | | | | | | | | | | | .45 | 1.30 | .01 | .02 | | | | .01 | .01 |
| CAPE MAY 1 NW | 7.13 | | .15 | .11 | | | 2.57 | | | | 1.17 | .51 | | | | | | | | | | | | | 1.90 | .04 | .52 | T | | | | .16 |
| LONG BRANCH 2 S | 5.71 | | .34 | .01 | | | .09 | T | | | 1.92 | .04 | | | .74 | .07 | | | | | | | | | 1.70 | .62 | .18 | T | T | | | T |
| SANDY HOOK | 5.18 | T | 1.05 | | | | .05 | | | | * | 2.02 | | | .30 | | | | | | | | | | * | * | 1.76 | | | | | T |

See reference notes following Station Index.

# DAILY TEMPERATURES

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 73 | 70 | 70 | 75 | 64 | 75 | 70 | 62 | 65 | 63 | 61 | 64 | 66 | 62 | 74 | 76 | 71 | 67 | 66 | 74 | 58 | 73 | 65 | 69 | 58 | 60 | 74 | 66 | 76 | 78 | 73 | 68.3 |
| | MIN | 51 | 52 | 63 | 57 | 58 | 59 | 49 | 40 | 39 | 42 | 46 | 40 | 38 | 39 | 51 | 46 | 48 | 40 | 39 | 39 | 50 | 42 | 43 | 52 | 52 | 54 | 59 | 59 | 51 | 44 | 48 | 48.1 |
| BOONTON 1 SE | MAX | 75 | 74 | 72 | 74 | 68 | 75 | 74 | 64 | 62 | 65 | 62 | 62 | 64 | 64 | 73 | 76 | 72 | 66 | 63 | 71 | 59 | 67 | 66 | 68 | 57 | 61 | 72 | 67 | 76 | 75 | 73 | 68.3 |
| | MIN | 52 | 57 | 59 | 55 | 54 | 60 | 46 | 37 | 40 | 46 | 47 | 42 | 37 | 38 | 48 | 44 | 46 | 41 | 40 | 43 | 37 | 39 | 42 | 52 | 51 | 55 | 53 | 58 | 49 | 43 | 43 | 46.9 |
| CANOE BROOK | MAX | 76 | 76 | 71 | 74 | 69 | 74 | 76 | 60 | 63 | 69 | 65 | 65 | 64 | 66 | 77 | 78 | 74 | 67 | 64 | 71 | 60 | 70 | 65 | 70 | 60 | | 74 | 69 | 78 | 77 | 75 | 69.9 |
| | MIN | 50 | 50 | 57 | 56 | 45 | 60 | 48 | 36 | 37 | 46 | 52 | 39 | 38 | 40 | 51 | 48 | 46 | 43 | 38 | 37 | 38 | 40 | 41 | 48 | 48 | 44 | 52 | 57 | 50 | 43 | 44 | 45.9 |
| CHARLOTTEBURG | MAX | 74 | 72 | 70 | 72 | 67 | 75 | 71 | 58 | 62 | 62 | 60 | 60 | 63 | 64 | 73 | 73 | 73 | 66 | 65 | 70 | 61 | 72 | 68 | 68 | 55 | 59 | 69 | 66 | 79 | 74 | 72 | 67.5 |
| | MIN | 48 | 49 | 60 | 53 | 53 | 57 | 45 | 38 | 39 | 44 | 46 | 40 | 36 | 38 | 41 | 44 | 44 | 38 | 38 | 39 | 39 | 41 | 40 | 51 | 50 | 55 | 49 | 54 | 48 | 41 | 41 | 45.1 |
| CRANFORD | MAX | 75 | 72 | 74 | 69 | 78 | 78 | 65 | 64 | 68 | 65 | 65 | 67 | 65 | 78 | 78 | 70 | 66 | 64 | 70 | 65 | 71 | 66 | 70 | 65 | 64 | 76 | 73 | 77 | 78 | 75 | 68 | 70.3 |
| | MIN | 55 | 64 | 64 | 57 | 57 | 62 | 49 | 39 | 43 | 57 | 48 | 41 | 38 | 55 | 50 | 51 | 54 | 47 | 41 | 54 | 40 | 42 | 50 | 53 | 57 | 60 | 58 | 62 | 52 | 45 | 51 | 51.5 |
| ESSEX FELLS SERV BLDG | MAX | 75 | 73 | 74 | 74 | 69 | 76 | 75 | 68 | 61 | 66 | 64 | 63 | 64 | 66 | 73 | 77 | 73 | 68 | 62 | 70 | 57 | 66 | 66 | 68 | 58 | 61 | 73 | 68 | 77 | 76 | 73 | 68.8 |
| | MIN | 52 | 62 | 57 | 54 | 56 | 60 | 52 | 37 | 42 | 55 | 45 | 37 | 37 | 42 | 49 | 46 | 55 | 41 | 39 | 40 | 39 | 40 | 50 | 49 | 52 | 55 | 52 | 58 | 55 | 44 | 49 | 48.4 |
| FLEMINGTON 1 NE | MAX | 78 | 70 | 72 | 76 | 76 | 77 | 75 | 61 | 63 | 66 | 65 | 64 | 67 | 66 | 75 | 77 | 71 | 69 | 64 | 70 | 57 | 70 | 65 | 70 | 64 | 62 | 73 | 68 | 76 | 77 | 75 | 69.6 |
| | MIN | 54 | 55 | 59 | 57 | 57 | 57 | 45 | 34 | 36 | 44 | 48 | 37 | 35 | 38 | 48 | 45 | 45 | 42 | 39 | 41 | 43 | 42 | 44 | 46 | 54 | 56 | 52 | 54 | 48 | 45 | 47 | 46.7 |
| HIGH POINT PARK | MAX | 72 | 72 | 76 | 72 | 71 | 71 | 70 | 71 | 71 | 73 | 71 | 73 | 70 | 58 | 70 | 71 | 67 | 63 | 60 | 66 | 56 | 67 | 68 | 63 | 66 | 58 | 65 | 60 | 74 | 72 | 70 | 68.0 |
| | MIN | 48 | 49 | 59 | 51 | 50 | 51 | 51 | 38 | 36 | 39 | 42 | 39 | 38 | 45 | 52 | 50 | 51 | 40 | 43 | 46 | 44 | 44 | 47 | 41 | 46 | 50 | 51 | 53 | 50 | 41 | 47 | 46.2 |
| JERSEY CITY | MAX | 75 | 72 | 70 | 67 | 76 | 76 | 65 | 65 | 65 | 67 | 64 | 67 | 64 | 75 | 72 | 70 | 65 | 63 | 70 | 58 | 70 | 61 | 68 | 62 | 62 | 73 | 67 | 76 | 75 | 71 | 62 | 68.2 |
| | MIN | 61 | 68 | 64 | 59 | 63 | 60 | 50 | 44 | 54 | 59 | 52 | 50 | 55 | 61 | 60 | 58 | 58 | 50 | 50 | 52 | 48 | 48 | 57 | 54 | 57 | 62 | 59 | 61 | 62 | 54 | 58 | 56.4 |
| LAMBERTVILLE | MAX | 72 | 73 | 77 | 73 | 77 | 76 | 64 | 66 | 68 | 66 | 66 | 69 | 69 | 79 | 80 | 73 | 70 | 65 | 75 | 63 | 73 | 67 | 70 | 66 | 62 | 75 | 70 | 78 | 82 | 77 | 69 | 71.3 |
| | MIN | 55 | 63 | 62 | 57 | 62 | 63 | 47 | 37 | 43 | 57 | 48 | 40 | 38 | 57 | 50 | 47 | 57 | 42 | 39 | 54 | 46 | 45 | 52 | 56 | 57 | 60 | 55 | 60 | 52 | 48 | 55 | 51.7 |
| LITTLE FALLS | MAX | 76 | 74 | 72 | 74 | 70 | 77 | 75 | 64 | 64 | 67 | 64 | 64 | 66 | 66 | 76 | 77 | 72 | 67 | 66 | 70 | 58 | 71 | 66 | 69 | 59 | 62 | 74 | 68 | 77 | 76 | 74 | 69.5 |
| | MIN | 53 | 61 | 63 | 53 | 56 | 63 | 48 | 41 | 44 | 52 | 48 | 42 | 39 | 46 | 50 | 48 | 54 | 46 | 41 | 47 | 40 | 42 | 45 | 55 | 54 | 56 | 55 | 58 | 53 | 45 | 48 | 49.9 |
| LONG VALLEY | MAX | 73 | 69 | 70 | 72 | 64 | 72 | 70 | 58 | 60 | 63 | 60 | 60 | 62 | 62 | 72 | 73 | 71 | 64 | 64 | 69 | 57 | 71 | 67 | 66 | 61 | 60 | 71 | 66 | 75 | 76 | 72 | 66.8 |
| | MIN | 52 | 61 | 57 | 54 | 55 | 57 | 45 | 35 | 39 | 48 | 45 | 39 | 34 | 39 | 44 | 41 | 52 | 40 | 35 | 48 | 40 | 39 | 45 | 52 | 51 | 55 | 51 | 57 | 46 | 40 | 54 | 46.8 |
| MORRIS PLAINS 1 W | MAX | 75 | 73 | 72 | 74 | 68 | 77 | 74 | 62 | 64 | 66 | 65 | 64 | 65 | 65 | 75 | 78 | 73 | 66 | 63 | 70 | 58 | 70 | 68 | 69 | 58 | 62 | 73 | 68 | 77 | 75 | 74 | 69.1 |
| | MIN | 54 | 58 | 58 | 54 | 56 | 59 | 46 | 34 | 36 | 42 | 46 | 39 | 35 | 38 | 47 | 43 | 43 | 44 | 42 | 49 | 39 | 38 | 40 | 52 | 51 | 50 | 54 | 58 | 48 | 42 | 43 | 46.4 |
| NEWARK WSO | MAX | 77 | 74 | 75 | 69 | 79 | 77 | 66 | 64 | 68 | 68 | 66 | 67 | 64 | 73 | 76 | 71 | 68 | 65 | 71 | 60 | 70 | 65 | 70 | 64 | 64 | 76 | 71 | 78 | 78 | 74 | 65 | 70.1 |
| | MIN | 61 | 67 | 63 | 60 | 63 | 58 | 48 | 45 | 51 | 55 | 52 | 47 | 50 | 62 | 57 | 58 | 53 | 50 | 50 | 51 | 48 | 50 | 58 | 59 | 60 | 63 | 63 | 65 | 60 | 55 | 59 | 56.2 |
| NEWTON | MAX | 72 | 73 | 72 | 76 | 65 | 75 | 72 | 58 | 62 | 63 | 60 | 61 | 62 | 63 | 72 | 69 | 70 | 66 | 61 | 69 | 57 | 69 | 62 | 68 | 55 | 59 | 69 | 64 | 75 | 70 | 71 | 66.5 |
| | MIN | 47 | 49 | 58 | 55 | 55 | 56 | 46 | 36 | 37 | 40 | 42 | 39 | 33 | 34 | 45 | 41 | 41 | 35 | 32 | 34 | 38 | 38 | 40 | 45 | 50 | 52 | 47 | 53 | 44 | 39 | 40 | 43.3 |
| PATERSON | MAX | 75 | 75 | 74 | 70 | 79 | 77 | 66 | 60 | 69 | 65 | 67 | 69 | 66 | 76 | 80 | 77 | 70 | 70 | 71 | 61 | 68 | 66 | 69 | 63 | 64 | 74 | 67 | 79 | 77 | 73 | 62 | 70.3 |
| | MIN | 52 | 60 | 61 | 52 | 55 | 59 | 43 | 40 | 46 | 59 | 49 | 43 | 46 | 56 | 57 | 60 | 55 | 53 | 42 | 47 | 43 | 43 | 55 | 53 | 51 | 53 | 55 | 60 | 57 | 53 | 52 | 51.9 |
| PHILLIPSBURG | MAX | 72 | 68 | 69 | 76 | 67 | 73 | 69 | 58 | 62 | 62 | 59 | 60 | 62 | 62 | 72 | 74 | 68 | 65 | 63 | 69 | 59 | 67 | 62 | 67 | 56 | 58 | 70 | 64 | 72 | 72 | 70 | 66.0 |
| | MIN | 52 | 52 | 59 | 57 | 54 | 55 | 48 | 39 | 39 | 45 | 47 | 34 | 36 | 38 | 51 | 46 | 46 | 40 | 39 | 39 | 50 | 43 | 45 | 53 | 55 | 52 | 50 | 51 | 52 | 44 | 44 | 46.9 |
| PLAINFIELD | MAX | 73 | 71 | 74 | 69 | 78 | 77 | 65 | 65 | 67 | 64 | 66 | 68 | 66 | 77 | 79 | 68 | 68 | 65 | 72 | 59 | 71 | 64 | 70 | 58 | 62 | 76 | 68 | 77 | 78 | 76 | 60 | 69.4 |
| | MIN | 57 | 63 | 64 | 57 | 58 | 63 | 48 | 37 | 44 | 58 | 47 | 41 | 39 | 57 | 51 | 53 | 56 | 46 | 43 | 55 | 40 | 44 | 57 | 54 | 54 | 60 | 57 | 62 | 52 | 46 | 52 | 52.1 |
| SOMERVILLE 3 NW | MAX | 76 | 72 | 72 | 76 | 68 | 77 | 75 | 64 | 62 | 68 | 64 | 68 | 67 | 66 | 76 | 75 | 69 | 68 | 63 | 70 | 59 | 67 | 63 | 70 | 59 | 62 | 73 | 70 | 75 | 76 | 73 | 69.1 |
| | MIN | 56 | 58 | 62 | 56 | 56 | 60 | 46 | 34 | 35 | 45 | 46 | 37 | 38 | 42 | 51 | 47 | 49 | 44 | 41 | 43 | 40 | 42 | 43 | 54 | 53 | 56 | 55 | 56 | 51 | 45 | 46 | 48.0 |
| SUSSEX 1 SE | MAX | 72 | 74 | 74 | 72 | 65 | 75 | 72 | 57 | 62 | 62 | 60 | 62 | 64 | 64 | 72 | 75 | 68 | 66 | 60 | 69 | 59 | 61 | 69 | 68 | 55 | 59 | 70 | 62 | 77 | 70 | | 66.5 |
| | MIN | 49 | 51 | 62 | 65 | 55 | 56 | 47 | 34 | 36 | 42 | 47 | 38 | 34 | 35 | 48 | 43 | 44 | 35 | 34 | 34 | 38 | 39 | 40 | 53 | 52 | 52 | 52 | 55 | 48 | 39 | | 45.2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | MAX | 71 | 77 | 70 | 69 | 72 | 75 | 66 | 62 | 66 | 68 | 62 | 67 | 69 | 75 | 75 | 64 | 63 | 61 | 66 | 61 | 69 | 64 | 66 | 68 | 69 | 66 | 67 | 74 | 76 | 70 | 65 | 68.2 |
| | MIN | 67 | 66 | 62 | 55 | 55 | 52 | 43 | 38 | 43 | 52 | 47 | 41 | 42 | 59 | 57 | 56 | 56 | 46 | 45 | 55 | 46 | 46 | 53 | 61 | 63 | 59 | 59 | 57 | 53 | 51 | 62 | 53.1 |
| AUDUBON | MAX | 75 | 74 | 75 | 75 | 77 | 78 | 68 | 67 | 69 | 66 | 66 | 70 | 73 | 80 | 79 | 73 | 68 | 65 | 75 | 60 | 72 | 72 | 71 | 66 | 65 | 74 | 69 | 76 | 79 | 77 | 66 | 71.6 |
| | MIN | 62 | 65 | 61 | 59 | 62 | 61 | 51 | 43 | 47 | 55 | 49 | 44 | 43 | 59 | 53 | 49 | 50 | 48 | 46 | 55 | 49 | 52 | 55 | 59 | 61 | 61 | 57 | 60 | 54 | 59 | 60 | 54.5 |
| BELLEPLAIN ST FOREST | MAX | 73 | 82 | 80 | 71 | 73 | 78 | 72 | 66 | 69 | 69 | 65 | 69 | 74 | 80 | 77 | 73 | 66 | 62 | 69 | 67 | 71 | 69 | 69 | 69 | 70 | 69 | 69 | 77 | 78 | 73 | 68 | 71.5 |
| | MIN | 58 | 67 | 65 | 61 | 57 | 65 | 46 | 35 | 44 | 60 | 47 | 41 | 41 | 55 | 49 | 54 | 58 | 52 | 48 | 57 | 51 | 45 | 56 | 62 | 63 | 62 | 60 | 62 | 54 | 51 | 62 | 54.5 |
| BURLINGTON | MAX | 64 | 77 | 73 | 72 | 77 | 75 | 74 | 67 | 66 | 69 | | 68 | 69 | 76 | 75 | 72 | 67 | 62 | 72 | 62 | | 66 | 66 | 67 | 67 | 71 | 71 | 75 | | 75 | 70 | 70.2 |
| | MIN | 52 | 64 | 65 | 65 | 59 | 57 | 50 | 44 | 45 | | | 47 | 44 | 55 | 51 | 53 | 55 | 45 | 45 | 51 | | | 62 | 62 | 62 | 63 | 67 | 68 | | | 63 | 55.8 |
| CHATSWORTH | MAX | 71 | 78 | 78 | 73 | 75 | 77 | 74 | 66 | 69 | 68 | 65 | 70 | 72 | 79 | 79 | 68 | 66 | 63 | 70 | 61 | 76 | 74 | 70 | 66 | 73 | 69 | 70 | 78 | 78 | 77 | 78 | 72.0 |
| | MIN | 63 | 66 | 63 | 59 | 55 | 64 | 45 | 34 | 40 | 59 | 47 | 40 | 38 | 55 | 52 | 55 | 55 | 49 | 43 | 55 | 52 | 43 | 53 | 59 | 62 | 61 | 54 | 62 | 55 | 47 | 60 | 53.1 |
| FREEHOLD | MAX | 76 | 68 | 68 | 72 | 68 | 78 | 76 | 66 | 64 | 68 | 67 | 64 | 68 | 68 | 78 | 73 | 63 | 65 | 59 | 67 | 56 | 70 | 70 | 67 | 61 | 63 | 73 | 67 | 78 | 75 | 77 | 68.8 |
| | MIN | 59 | 63 | 62 | 55 | 57 | 63 | 48 | 39 | 44 | 50 | 48 | 41 | 40 | 47 | 51 | 52 | 54 | 49 | 46 | 52 | 46 | 45 | 46 | 55 | 57 | 60 | 54 | 59 | 54 | 48 | 54 | 51.5 |
| GLASSBORO | MAX | 76 | 71 | 78 | 75 | 74 | 73 | 75 | 68 | 65 | 68 | 65 | 64 | 68 | 72 | 78 | 77 | 68 | 67 | 62 | 72 | 59 | 71 | 71 | 68 | 66 | 65 | 71 | 69 | 76 | 74 | 72 | 70.3 |
| | MIN | 60 | 63 | 64 | 59 | 59 | 64 | 50 | 42 | 46 | 49 | 46 | 43 | 45 | 47 | 51 | 48 | 52 | 50 | 46 | 48 | 49 | 48 | 48 | 56 | 58 | 62 | 56 | 60 | 53 | 52 | 52 | 52.5 |
| HAMMONTON 2 NNE | MAX | 76 | 70 | 79 | 74 | 74 | 74 | 78 | 68 | 69 | 68 | 68 | 62 | 67 | 72 | 80 | 78 | 79 | 71 | 72 | 71 | 60 | 74 | 72 | 69 | 67 | 68 | 71 | 70 | 78 | 77 | 75 | 72.0 |
| | MIN | 57 | 62 | 63 | 52 | 52 | 59 | 47 | 37 | 41 | 50 | 44 | 42 | 38 | 48 | 51 | 51 | 50 | 46 | 40 | 45 | 47 | 44 | 43 | 51 | 59 | 58 | 55 | 52 | 50 | 47 | 49 | 49.4 |
| HIGHTSTOWN 1 N | MAX | 70 | 72 | 73 | 70 | 78 | 75 | 65 | 63 | 67 | 66 | 64 | 67 | 68 | 78 | 74 | 65 | 66 | 61 | 68 | 61 | 70 | 68 | 68 | 63 | 63 | 72 | 67 | 75 | 78 | 76 | 69 | 69.0 |
| | MIN | 58 | 64 | 62 | 57 | 58 | 63 | 54 | 38 | 44 | 59 | 48 | 44 | 40 | 58 | 51 | 54 | 56 | 48 | 44 | 55 | 47 | 48 | 53 | 56 | 59 | 61 | 56 | 60 | 52 | 48 | 54 | 53.2 |
| INDIAN MILLS 2 W | MAX | 71 | 77 | 73 | 74 | 73 | 76 | 65 | 65 | 68 | 67 | 64 | 69 | 71 | 80 | 79 | 66 | 67 | 65 | 73 | 60 | 74 | 72 | 70 | 66 | 66 | 71 | 70 | 77 | 79 | 77 | 68 | 70.7 |
| | MIN | 60 | 66 | 63 | 59 | 56 | 64 | 45 | 34 | 41 | 59 | 47 | 39 | 37 | 57 | 50 | 52 | 55 | 48 | 39 | 55 | 49 | 45 | 53 | 59 | 62 | 61 | 55 | 61 | 50 | 45 | 59 | 52.4 |
| MILLVILLE FAA AIRPORT | MAX | 71 | 81 | 75 | 73 | 73 | 76 | 66 | 67 | 67 | 67 | 64 | 69 | 71 | 77 | 75 | 64 | 66 | 63 | 72 | 62 | 72 | 68 | 69 | 68 | 71 | 70 | 72 | 75 | 76 | 72 | 67 | 70.3 |
| | MIN | 66 | 68 | 63 | 60 | 61 | 56 | 48 | 40 | 47 | 53 | 48 | 44 | 45 | 58 | 55 | 55 | 55 | 49 | 47 | 56 | 50 | 49 | 58 | 62 | 64 | 62 | 60 | 57 | 54 | 53 | 62 | 55.0 |
| MOORESTOWN | MAX | 78 | 72 | 76 | 75 | 74 | 76 | 76 | 67 | 66 | 66 | 67 | 64 | 69 | 71 | 79 | 76 | 65 | 66 | 63 | 73 | 59 | 72 | 70 | 66 | 61 | 65 | 75 | 68 | 75 | 79 | 77 | 70.5 |
| | MIN | 57 | 63 | 63 | 59 | 59 | 64 | 49 | 37 | 44 | 57 | 47 | 41 | 40 | 43 | 50 | 50 | 54 | 46 | 44 | 49 | 47 | 47 | 50 | 55 | 57 | 61 | 57 | 58 | 52 | 48 | 57 | 51.8 |
| NEW BRUNSWICK | MAX | 76 | 69 | 71 | 75 | 67 | 76 | 75 | 64 | 62 | 68 | 66 | 64 | 66 | 66 | 77 | 77 | 67 | 66 | 62 | 69 | 57 | 71 | 65 | 68 | 60 | 62 | 74 | 67 | 75 | 76 | 75 | 68.8 |
| | MIN | 58 | 59 | 65 | 56 | 56 | 59 | 49 | 40 | 41 | 48 | 49 | 44 | 40 | 42 | 52 | 52 | 52 | 46 | 45 | 46 | 44 | 46 | 46 | 56 | 56 | 57 | 58 | 59 | 55 | 48 | 49 | 50.7 |
| PEMBERTON 3 E | MAX | 70 | 73 | 73 | 73 | 78 | 77 | 72 | 66 | 68 | 67 | 66 | 70 | 70 | 81 | 81 | 73 | 65 | 63 | 70 | 63 | 73 | 73 | 70 | 69 | 72 | 73 | 73 | 79 | 80 | 78 | 72 | 72.0 |
| | MIN | 61 | 65 | 64 | 59 | 55 | 64 | 46 | 35 | 41 | 59 | 48 | 39 | 36 | 58 | 48 | 55 | 56 | 50 | 43 | 55 | 49 | 48 | 53 | 62 | 62 | 61 | 55 | 61 | 50 | 46 | 56 | 52.9 |
| SEABROOK FARMS | MAX | 76 | 72 | 79 | 75 | 74 | 72 | 75 | 67 | 64 | 68 | 66 | 65 | 68 | 73 | 78 | 77 | 68 | 67 | 62 | 72 | 62 | 71 | 71 | 68 | 68 | 69 | 70 | 70 | 76 | 77 | 72 | 70.7 |
| | MIN | 61 | 66 | 66 | 59 | 59 | 64 | 49 | 41 | 45 | 49 | 48 | 44 | 45 | 50 | 53 | 53 | 54 | 50 | 46 | 49 | 48 | 48 | 49 | 49 | 62 | 62 | 59 | 59 | 54 | 53 | 53 | 53.1 |

See Reference Notes Following Station Index

Continued

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SHILOH | MAX | 72 | 80 | 75 | 72 | 71 | 75 | 73 | 65 | 67 | 66 | 64 | 68 | 71 | 76 | 76 | 75 | 65 | 64 | 73 | 70 | 71 | 69 | 68 | 68 | 69 | 70 | 70 | 75 | 79 | 70 | 66 | 70.7 |
| | MIN | 63 | 67 | 64 | 59 | 60 | 63 | 51 | 44 | 47 | 60 | 47 | 47 | 45 | 57 | 53 | 51 | 45 | 50 | 46 | 54 | 49 | 48 | 56 | 59 | 64 | 61 | 58 | 56 | 54 | 55 | 60 | 54.6 |
| TOMS RIVER | MAX | 75 | 71 | 73 | 74 | 70 | 77 | 77 | 66 | 68 | 70 | 69 | 66 | 69 | 68 | 70 | 77 | 65 | 64 | 61 | 67 | 61 | 68 | 68 | 68 | 65 | 66 | 70 | 66 | 76 | 76 | 72 | 69.5 |
| | MIN | 59 | 66 | 65 | 60 | 57 | 62 | 48 | 37 | 39 | 45 | 49 | 42 | 38 | 42 | 52 | 51 | 56 | 53 | 45 | 50 | 52 | 47 | 48 | 56 | 60 | 60 | 55 | 58 | 53 | 46 | 47 | 51.5 |
| TRENTON WSO | MAX | 70 | 70 | 73 | 70 | 76 | 74 | 62 | 63 | 67 | 65 | 63 | 67 | 68 | 77 | 76 | 65 | 66 | 62 | 69 | 59 | 71 | 66 | 68 | 62 | 62 | 72 | 67 | 75 | 78 | 76 | 64 | 68.5 |
| | MIN | 60 | 65 | 62 | 58 | 63 | 59 | 49 | 45 | 51 | 54 | 52 | 50 | 45 | 61 | 57 | 55 | 53 | 49 | 51 | 56 | 52 | 51 | 57 | 58 | 59 | 61 | 59 | 63 | 59 | 55 | 60 | 55.8 |
| TUCKERTON | MAX | 70 | 78 | 72 | 70 | 74 | 77 | 69 | 66 | 68 | 69 | 66 | 70 | 70 | 78 | 75 | 65 | 65 | 61 | 66 | 62 | 67 | 64 | 66 | 65 | 68 | 68 | 66 | 73 | 73 | 69 | 66 | 68.9 |
| | MIN | 66 | 68 | 64 | 61 | 56 | 66 | 48 | 39 | 44 | 61 | 48 | 41 | 41 | 60 | 57 | 57 | 57 | 53 | 45 | 58 | 49 | 45 | 51 | 60 | 64 | 61 | 58 | 62 | 53 | 50 | 62 | 55.0 |
| WOODSTOWN | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 68 | 72 | 68 | 66 | 67 | 73 | 63 | 61 | 65 | 67 | 60 | 64 | 66 | 69 | 68 | 62 | 61 | 57 | 61 | 59 | 62 | 63 | 62 | 63 | 64 | 63 | 63 | 67 | 69 | 66 | 63 | 64.6 |
| | MIN | 66 | 67 | 61 | 58 | 58 | 56 | 49 | 42 | 54 | 50 | 47 | 48 | 50 | 61 | 58 | 56 | 56 | 51 | 49 | 55 | 52 | 50 | 57 | 59 | 60 | 58 | 57 | 57 | 55 | 56 | 60 | 55.3 |
| CAPE MAY 1 NW | MAX | 74 | 75 | 79 | 72 | 70 | 71 | 76 | 67 | 64 | 69 | 69 | 65 | 70 | 71 | 75 | 74 | 67 | 66 | 61 | 66 | 63 | 66 | 67 | 68 | 71 | 68 | 67 | 67 | 68 | 74 | 65 | 69.2 |
| | MIN | 66 | 70 | 68 | 61 | 60 | 64 | 55 | 46 | 52 | 61 | 51 | 47 | 48 | 60 | 57 | 55 | 57 | 55 | 50 | 55 | 54 | 51 | 51 | 52 | 62 | 62 | 61 | 61 | 57 | 58 | 62 | 57.1 |
| LONG BRANCH 2 S | MAX | 70 | 70 | 69 | 66 | 75 | 74 | 65 | 62 | 66 | 69 | 65 | 67 | 67 | 74 | 70 | 62 | 64 | 60 | 68 | 62 | 64 | 62 | 65 | 62 | 63 | 71 | 66 | 74 | 75 | 66 | 63 | 67.0 |
| | MIN | 64 | 65 | 65 | 59 | 59 | 64 | 51 | 40 | 46 | 62 | 50 | 44 | 43 | 62 | 55 | 55 | 56 | 52 | 52 | 55 | 49 | 48 | 52 | 56 | 60 | 60 | 58 | 62 | 58 | 58 | 57 | 55.4 |
| SANDY HOOK | MAX | 69 | 70 | 72 | 66 | 74 | 74 | 70 | 63 | 67 | 69 | 64 | 68 | 66 | 74 | 68 | 63 | 66 | 61 | 67 | 65 | 68 | 62 | 65 | 64 | 63 | 74 | 75 | 75 | 75 | 72 | 63 | 68.1 |
| | MIN | 63 | 66 | 66 | 59 | 61 | 65 | 56 | 49 | 55 | 62 | 54 | 50 | 50 | 62 | 59 | 59 | 60 | 52 | 54 | 54 | 52 | 54 | 58 | 58 | 60 | 62 | 59 | 61 | 61 | 58 | 59 | 58.0 |

# EVAPORATION AND WIND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | EVAP | .11 | .26 | .04 | .08 | .09 | .04 | .17 | .12 | .11 | .03 | .08 | .15 | .16 | .05 | .10 | .10 | .04 | .15 | .09 | .09 | .08 | .13 | .04 | .05 | .00 | .00 | .06 | .09 | .06 | .12 | .07 | 2.76 |
| | WIND | 37 | 70 | 21 | 78 | 37 | 38 | 54 | 62 | 38 | 33 | 84 | 105 | 47 | 40 | 32 | 13 | 20 | 82 | 46 | 87 | 23 | 15 | 12 | 81 | 127 | 61 | 28 | 17 | 16 | 7 | 19 | 1430 |
| | MAX | 72 | 60 | 63 | 65 | 64 | 67 | 67 | 62 | 56 | 55 | 56 | 57 | 56 | 54 | 64 | 66 | 59 | 60 | 57 | 59 | 50 | 61 | 65 | 59 | 56 | 56 | 64 | 60 | 67 | 65 | 59 | 60.7 |
| | MIN | 58 | 58 | 60 | 55 | 56 | 59 | 51 | 40 | 40 | 47 | 48 | 46 | 45 | 45 | 54 | 55 | 56 | 57 | 46 | 46 | 45 | 45 | 49 | 56 | 50 | 54 | 56 | 58 | 58 | 53 | 52 | 51.5 |
| PEMBERTON 3 E | EVAP | .10 | .04 | .05 | .10 | .04 | .07 | .08 | .06 | .06 | - | .06 | .07 | .04 | .07 | .08 | .04 | .05 | .04 | .07 | .06 | .04 | .07 | .04 | - | .02 | .04 | .03 | .06 | .08 | .05 | .04 | 1.768 |
| | WIND | 55 | 39 | 39 | 38 | 11 | 6 | 4 | 4 | 12 | 5 | 27 | 10 | 20 | 18 | 6 | 1 | 20 | 34 | 24 | 43 | 2 | 5 | 7 | 82 | 33 | 19 | 7 | 5 | 2 | 1 | 20 | 599 |
| SEABROOK FARMS | EVAP | .11 | .10 | .13 | .16 | .08 | .06 | .18 | .15 | .10 | - | .10 | .16 | .13 | .11 | .11 | - | .16 | .15 | .05 | .16 | .09 | .11 | .07 | - | - | .05 | .04 | .03 | .08 | .10 | .04 | 3.238 |
| | MAX | 75 | 71 | 77 | 75 | 76 | 72 | 78 | 73 | 70 | 65 | 66 | 68 | 71 | 71 | 80 | 82 | 71 | 66 | 62 | 70 | 64 | 75 | 72 | 66 | 67 | 69 | 71 | 69 | 79 | 76 | 70 | 71.5 |
| | MIN | 60 | 60 | 67 | 59 | 58 | 63 | 55 | 46 | 45 | 49 | 48 | 47 | 47 | 47 | 58 | 56 | 58 | 49 | 45 | 45 | 51 | 51 | 53 | 58 | 60 | 61 | 59 | 58 | 58 | 58 | 57 | 54.4 |

CANOE BROOK : NO FENCE.

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Standard of Time EASTERN | | | | | | | | | | | | |
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total | | |
| ATLANTIC CITY WSO | 7 | 2.6 | 8.6 | 28++ | 13 | 10 | 94 | 93 | 73 | 90 | 6 | 3 | 4 | 0 | 2 | 0 | 15 | 30 | 7.2 |
| ATLANTIC CITY | - | - | - | 31 | NE | 24 | - | - | - | - | 0 | 4 | 4 | 0 | 2 | 0 | 10 | - | - |
| NEWARK WSO | 3 | 1.0 | 8.1 | 23++ | 33 | 10 | 80 | 82 | 61 | 72 | 6 | 3 | 2 | 1 | 1 | 0 | 13 | - | 6.9 |
| TRENTON WSO | - | - | - | 27 | E | 24 | - | - | - | - | 3 | 6 | 1 | 0 | 2 | 0 | 12 | 43 | 6.6 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 71 | 73 | - | 72 | 75 | 73 | 69 | 67 | 66 | 67 | 67 | 66 | 65 | 72 | 73 | 71 | 70 | 68 | 69 | 62 | 60 | 68 | 70 | 64 | 65 | 71 | 69 | 74 | 72 | 70 | 65 | 68.8 |
| | | MIN | 69 | 70 | - | 68 | 68 | 69 | 64 | 61 | 62 | 65 | 62 | 61 | 59 | 63 | 63 | 66 | 64 | 62 | 60 | 60 | 60 | 60 | 62 | 63 | 64 | 65 | 66 | 67 | 64 | 62 | 64 | 63.8 |
| | 2 | MAX | 71 | 72 | - | 72 | 74 | 73 | 69 | 67 | 66 | 68 | 67 | 66 | 65 | 71 | 72 | 70 | 70 | 67 | 68 | 68 | 69 | 68 | 68 | 64 | 66 | 70 | 69 | 72 | 71 | 70 | 65 | 68.9 |
| | | MIN | 69 | 70 | - | 69 | 68 | 69 | 65 | 62 | 62 | 65 | 63 | 62 | 61 | 63 | 64 | 66 | 65 | 64 | 62 | 66 | 68 | 61 | 63 | 64 | 64 | 65 | 67 | 67 | 65 | 62 | 64 | 64.8 |
| | 4 | MAX | 71 | 72 | - | 71 | 74 | 73 | 70 | 67 | 66 | 68 | 66 | 66 | 65 | 69 | 71 | 69 | 69 | 67 | 67 | 64 | 62 | 67 | 67 | 65 | 65 | 69 | 68 | 71 | 71 | 69 | 65 | 68.1 |
| | | MIN | 69 | 70 | - | 69 | 69 | 70 | 66 | 64 | 63 | 66 | 64 | 63 | 61 | 64 | 65 | 66 | 66 | 64 | 62 | 62 | 62 | 62 | 64 | 64 | 64 | 65 | 67 | 67 | 66 | 63 | 65 | 65.1 |
| | 8 | MAX | 71 | 72 | - | 71 | 72 | 72 | 71 | 68 | 66 | 68 | 66 | 66 | 65 | 67 | 68 | 68 | 68 | 67 | 66 | 65 | 64 | 65 | 65 | 65 | 65 | 67 | 67 | 70 | 69 | 68 | 65 | 67.6 |
| | | MIN | 70 | 70 | - | 70 | 64 | 64 | 68 | 66 | 65 | 66 | 66 | 65 | 63 | 64 | 66 | 66 | 67 | 65 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 65 | 65 | 67 | 67 | 65 | 65 | 66.0 |
| | 20 | MAX | 71 | 71 | - | 70 | 72 | 71 | 71 | 69 | 68 | 68 | 68 | 67 | 67 | 66 | 67 | 67 | 67 | 67 | 67 | 66 | 66 | 66 | 66 | 66 | 65 | 66 | 66 | 68 | 68 | 68 | 66 | 67.7 |
| | | MIN | 70 | 70 | - | 70 | 70 | 71 | 69 | 68 | 68 | 68 | 67 | 66 | 66 | 66 | 66 | 67 | 67 | 66 | 66 | 66 | 66 | 65 | 65 | 65 | 65 | 65 | 66 | 66 | 67 | 66 | 66 | 67.0 |
| | 40 | MAX | 70 | 70 | - | 70 | 71 | 70 | 70 | 69 | 69 | 69 | 68 | 68 | 68 | 68 | 68 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 66 | 66 | 65 | 65 | 66 | 67 | 67 | 68 | 66 | 67.8 |
| | | MIN | 70 | 70 | - | 69 | 69 | 70 | 69 | 69 | 69 | 68 | 68 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 66 | 67 | 67 | 66 | 65 | 65 | 65 | 65 | 65 | 66 | 66 | 66 | 66 | 67.2 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 72 | 76 | - | 78 | 83 | 80 | 71 | 72 | 70 | 70 | 73 | 72 | 70 | 79 | 80 | 74 | 70 | 67 | 72 | 63 | 75 | 71 | 74 | 63 | 65 | 76 | 71 | 80 | 78 | 75 | 64 | 72.8 |
| | | MIN | 62 | 67 | - | 64 | 63 | 62 | 54 | 47 | 52 | 62 | 56 | 50 | 49 | 61 | 58 | 63 | 64 | 53 | 51 | 55 | 54 | 56 | 61 | 62 | 62 | 65 | 64 | 64 | 60 | 55 | 61 | 58.6 |
| | 2 | MAX | 72 | 75 | - | 77 | 81 | 78 | 70 | 70 | 69 | 69 | 71 | 70 | 68 | 76 | 78 | 73 | 70 | 67 | 70 | 63 | 73 | 70 | 72 | 62 | 65 | 75 | 68 | 79 | 77 | 74 | 64 | 71.5 |
| | | MIN | 63 | 67 | - | 65 | 64 | 63 | 55 | 49 | 53 | 62 | 58 | 52 | 50 | 61 | 59 | 63 | 65 | 54 | 53 | 56 | 53 | 56 | 62 | 61 | 62 | 65 | 64 | 65 | 61 | 56 | 61 | 59.3 |
| | 4 | MAX | 70 | 73 | - | 73 | 77 | 75 | 68 | 67 | 65 | 67 | 68 | 66 | 65 | 72 | 73 | 70 | 68 | 65 | 66 | 63 | 67 | 66 | 67 | 63 | 65 | 71 | 68 | 74 | 73 | 71 | 64 | 68.7 |
| | | MIN | 65 | 68 | - | 67 | 66 | 67 | 61 | 54 | 56 | 63 | 61 | 56 | 54 | 61 | 62 | 64 | 65 | 57 | 55 | 60 | 55 | 58 | 61 | 62 | 63 | 65 | 65 | 66 | 63 | 59 | 63 | 61.4 |
| | 8 | MAX | 69 | 71 | - | 70 | 72 | 72 | 70 | 65 | 64 | 66 | 66 | 64 | 63 | 67 | 69 | 70 | 67 | 63 | 64 | 63 | 61 | 64 | 64 | 64 | 63 | 68 | 64 | 70 | 69 | 68 | 64 | 66.5 |
| | | MIN | 68 | 69 | - | 69 | 67 | 70 | 65 | 61 | 60 | 64 | 64 | 61 | 59 | 62 | 64 | 65 | 63 | 61 | 60 | 60 | 59 | 61 | 62 | 63 | 62 | 63 | 65 | 66 | 66 | 63 | 64 | 63.5 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

| | |
|---|---|
| SUB-STA 1 | : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER. |
| SUB-STA 2 | : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES. |

## SPECIAL WEATHER SUMMARY

October was an extremely warm month. Trenton reported the warmest October since 1879, and the second warmest October of record. On the 14th, isolated thunderstorm activity over central and eastern Monmouth County and northeastern Ocean County produced hailstones from 3/4 inch to 1-1/2 inches in diameter. Some damage to houses and vehicles, and minor crop damage was reported.

Donald V. Dunlap
Climatologist for New Jersey
Department of Meteorology
College of Agriculture and
Environmental Science
Rutgers-The State University
New Brunswick, New Jersey 08903

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES |  |  |  | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) |  |
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 |  |  |  | C | BERGEN COUNTY ENGINEER |
| ATLANTIC CITY WSO | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID |  | C NJ | NATL WEATHER SERVICE |
| *ATLANTIC CITY R | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID |  | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P |  |  | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 |  | 9A |  | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P |  |  | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A |  | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 |  | 7A |  |  | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 |  | 7A |  |  | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A |  |  | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 |  | 7A |  |  | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P |  |  | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 |  | 8A |  |  | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A |  | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 |  | 9A |  |  | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A |  | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 |  |  |  | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A |  | N | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P |  |  | EARL M. KERCHNER |
| CLINTON 2 N | 1754 | 01 | HUNTERDON | 10 | 40 40 | 74 55 | 350 |  |  |  | C | NJ BUREAU OF WTR SUPPLY |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P |  |  | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A |  | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A |  | H | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 |  | 7A |  |  | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A |  | C N | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A |  | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 |  | 7A |  |  | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A |  |  | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A |  |  | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P |  | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P |  | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID |  |  | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P |  | N | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A |  |  | INACTIVE 9/1/70 |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A |  | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P |  | N | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A |  | N | MRS. ALICE A. HOLZ |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 |  | 7A |  |  | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 |  |  |  | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 |  | 9A |  | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 |  | MID |  |  | RIDGEWOOD WATER CO. |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID |  | N | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 |  | 7A |  |  | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | 8A | 8A |  | H | US DEPT OF AGRICULTURE |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A |  | H | JOSEPH H. GARRIS, III |
| MOUNT HOLLY | 5866 | 02 | BURLINGTON | 2 | 39 59 | 74 48 | 10 |  |  |  | C | J. WESLEY GOODFELLOW |
| NEWARK WSO R | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID |  | C HJ | NATL WEATHER SERVICE |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 |  | MID |  | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A |  | C H | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 |  | 8A |  |  | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8P | 8P |  | H | ROBERT DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | H | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A |  | H | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P |  | N | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 |  | 8A |  |  | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 |  | MID |  |  | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 |  | MID |  | C H | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 |  | 10A |  |  | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P |  |  | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | N | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P |  |  | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A |  | H | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 |  | 10A |  |  | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 |  |  |  | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A |  |  | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A |  |  | TOMS RIVER WATER CO. |
| *TRENTON WSO R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID |  | C HJ | NATL WEATHER SERVICE |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P |  |  | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 |  | 8A |  | C N | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 |  |  |  | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 |  | 7A |  |  | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 |  | 7A |  |  | N.J. POWER & LIGHT CO. |
| WINDSOR | 9761 | 02 | MERCER | 2 | 40 15 | 74 35 | 88 |  |  |  | C | JACOBUS J. MOOIMAN |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 |  | MID |  | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 90 | 5P | 5P |  |  | CREAM VALLEY DAIRY |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN 11-ROCKAWAY

# REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY."

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65 F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., e.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 1:00 p.m., e.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1931-1960.

**DIVISIONS,** as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.

No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

S Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 12/2/71-920

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# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
NOVEMBER 1971
Volume 76 No. 11

THE LIBRARY OF THE
JAN 26 1972
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | Temperature: Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | No. of Days Max. 90° or Above | Max. 32° or Below | Min. 32° or Below | Min. 0° or Below | Precipitation: Total | Departure From Normal | Greatest Day | Date | Snow, Sleet Total | Max. Depth on Ground | Date | No. of Days .10 or More | .50 or More | 1.00 or More |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 49.2 | 32.7 | 41.0 | - 1.8 | 76 | 3 | 20 | 9 | 715 | 0 | 0 | 18 | 0 | 5.89 | 2.03 | 1.42 | 2 | 4.3 | 3 | 25 | 9 | 4 | 3 |
| BOONTON 1 SE | 48.4 | 33.4 | 40.9 | - 1.6 | 74 | 3 | 22 | 9 | 714 | 0 | 0 | 14 | 0 | 5.94 | 1.92 | 1.65 | 2 | 4.0 | 3 | 25 | 10 | 3 | 3 |
| CANOE BROOK | 50.7 | 31.2 | 41.0 | - 2.0 | 76 | 3 | 19 | 9 | 721 | 0 | 0 | 22 | 0 | 6.63 | 2.53 | 1.65 | 25 | T | T | 26+ | 9 | 4 | 3 |
| CHARLOTTEBURG | 47.5 | 31.8 | 39.7 | - 2.3 | 74 | 3 | 20 | 10 | 753 | 0 | 0 | 19 | 0 | 5.68 | 1.19 | 1.28 | 30 | 7.0 | 6 | 25 | 10 | 4 | 2 |
| CRANFORD | 51.9 | 34.9 | 43.4 | | 77 | 2 | 20 | 9 | 644 | 0 | 0 | 15 | 0 | 5.10 | | 1.73 | 25 | T | 0 | | 8 | 2 | 2 |
| ESSEX FELLS SERV BLDG | 49.4 | 32.5 | 41.0 | | 75 | 3 | 20 | 9 | 714 | 0 | 0 | 20 | 0 | 5.17 | | 1.52 | 2 | T | T | 26 | 9 | 3 | 3 |
| FLEMINGTON 1 NE | 50.3 | 31.5 | 40.9 | - 3.4 | 78 | 3 | 18 | 10+ | 717 | 0 | 0 | 20 | 0 | 4.95 | 1.21 | 1.65 | 30 | T | T | 26+ | 10 | 2 | 2 |
| HIGH POINT PARK | 44.3 | 30.2 | 37.3 | | 70 | 3 | 14 | 9 | 823 | 0 | 3 | 20 | 0 | D 4.08 | | 0 1.20 | 25 | 12.8 | 12 | 25 | 8 | 2 | 2 |
| JERSEY CITY | 50.9 | 38.7 | 44.8 | - .9 | 75 | 2 | 27 | 24+ | 606 | 0 | 0 | 5 | 0 | 5.81 | 2.39 | 1.50 | 25 | T | 0 | | 9 | 4 | 3 |
| LAMBERTVILLE | 52.8 | 34.7 | 43.8 | - .6 | 80 | 2 | 20 | 9 | 639 | 0 | 0 | 14 | 0 | 4.33 | .62 | 1.57 | 25 | T | 0 | | 9 | 2 | 1 |
| LITTLE FALLS | 50.6 | 35.8 | 43.2 | - 1.4 | 76 | 3 | 24 | 14+ | 649 | 0 | 0 | 10 | 0 | 5.43 | 1.15 | 1.88 | 2 | .4 | T | 25+ | 9 | 3 | 3 |
| LONG VALLEY | 47.9 | 32.3 | 40.1 | | 72 | 3 | 18 | 9 | 740 | 0 | 0 | 17 | 0 | 6.55 | 2.30 | 1.58 | 2 | 1.0 | 1 | 26+ | 8 | 5 | 3 |
| MORRIS PLAINS 1 W | 49.9 | 32.1 | 41.0 | | 75 | 3 | 18 | 9 | 713 | 0 | 0 | 19 | 0 | 5.73 | | 1.74 | 2 | 3.0 | 3 | 25 | 9 | 4 | 2 |
| NEWARK WSO R | 53.0 | 39.4 | 46.2 | .8 | 78 | 2 | 29 | 9 | 569 | 0 | 0 | 5 | 0 | 3.86 | .49 | 1.19 | 29 | T | T | 25 | 8 | 3 | 1 |
| NEWTON | 47.6 | 30.8M | 39.2M | - 2.0 | 74 | 3 | 19 | 9 | 760 | 0 | 1 | 21 | 0 | 4.70 | 1.07 | 1.12 | 30 | 9.0 | 8 | 25 | 10 | 4 | 1 |
| PATERSON | 51.8 | 35.7 | 43.8 | - 1.3 | 75 | 2 | 23 | 9 | 636 | 0 | 0 | 8 | 0 | 6.47 | 2.43 | 1.59 | 1 | | T | 25+ | 7 | 7 | 3 |
| PHILLIPSBURG | 47.4 | 32.1 | 39.8 | - 3.6 | 73 | 3 | 20 | 10+ | 752 | 0 | 0 | 21 | 0 | 6.39 | 2.72 | 1.98 | 2 | T | 0 | | 10 | 4 | 3 |
| PLAINFIELD | 51.2 | 35.3 | 43.3 | - 1.5 | 77 | 2 | 20 | 9 | 651 | 0 | 0 | 13 | 0 | 5.21 | 1.38 | 1.71 | 25 | T | 0 | | 9 | 2 | 2 |
| SOMERVILLE 3 NW | 49.9 | 32.2 | 41.1 | - 2.8 | 77 | 3 | 18 | 9 | 713 | 0 | 0 | 21 | 0 | 5.05 | 1.39 | 1.89 | 25 | T | 0 | | 6 | 4 | 2 |
| SUSSEX 1 SE | 47.7 | 30.5 | 39.1 | - 2.9 | 74 | 3 | 16 | 9 | 773 | 0 | 0 | 21 | 0 | 4.87 | 1.06 | 1.09 | 30 | 12.5 | 12 | 26 | 10 | 3 | 1 |
| DIVISION | | | 41.5 | - 2.0 | | | | | | | | | | 5.39 | 1.51 | | | 2.8 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 54.8 | 34.2 | 44.5 | - 2.2 | 76 | 2+ | 19 | 23 | 620 | 0 | 0 | 14 | 0 | 5.02 | 1.36 | 1.62 | 25 | .0 | 0 | | 7 | 4 | 1 |
| AUDUBON | 55.2 | 37.6 | 46.4 | | 79 | 2 | 25 | 9 | 564 | 0 | 0 | 7 | 0 | 6.51 | | 2.10 | 25 | .0 | 0 | | 9 | 5 | 2 |
| BELLEPLAIN ST FOREST | 57.2 | 34.4 | 45.8 | | 78 | 2 | 18 | 9 | 579 | 0 | 0 | 16 | 0 | 4.28 | .25 | 1.73 | 25 | .0 | 0 | | 8 | 2 | 2 |
| BURLINGTON | 54.0M | 39.0M | 46.5M | - .1 | 76 | 2 | 25 | 24+ | 563 | 0 | 0 | | 0 | 5.07 | 1.41 | 2.01 | 25 | T | 0 | | 7 | 4 | 2 |
| CHATSWORTH | 55.9M | 34.3M | 45.1M | | 79 | 2 | 18 | 9 | 603 | 0 | 0 | 13 | 0 | 5.05 | | 2.00 | 25 | .0 | 0 | | 5 | 4 | 3 |
| FREEHOLD | 52.7 | 34.8 | 43.8 | - 1.7 | 78 | 3 | 20 | 9 | 639 | 0 | 0 | 17 | 0 | 6.59 | 2.63 | 2.60 | 25 | T | T | 10 | 7 | 4 | 2 |
| GLASSBORO | 54.0 | 36.9 | 45.5 | | 79 | 3 | 23 | 9 | 591 | 0 | 0 | 10 | 0 | 6.17 | | 1.80 | 24 | .0 | 0 | | 7 | 5 | 3 |
| HAMMONTON 2 NNE | 56.3 | 32.9 | 44.6 | - 2.1 | 79 | 3 | 19 | 9 | 618 | 0 | 0 | 21 | 0 | 5.05 | 1.31 | 1.98 | 25 | .0 | 0 | | 6 | 5 | 2 |
| HIGHTSTOWN 1 N | 52.9 | 35.5 | 44.2 | - 1.0 | 78 | 2 | 21 | 9 | 625 | 0 | 0 | 13 | 0 | 6.22 | 2.83 | 2.76 | 25 | T | 0 | | 8 | 3 | 2 |
| INDIAN MILLS 2 W | 54.8 | 33.6 | 44.2 | - 1.0 | 79 | 2 | 16 | 9 | 630 | 0 | 0 | 14 | 0 | 5.67 | 1.96 | 2.34 | 25 | T | 0 | | 5 | 3 | 2 |
| MILLVILLE FAA AIRPORT | 54.8 | 35.8 | 45.3 | | 79 | 2 | 20 | 9 | 598 | 0 | 0 | 11 | 0 | 4.39 | | 1.17 | 25 | T | 0 | | 8 | 5 | 1 |
| MOORESTOWN | 52.8M | 35.2M | 44.0M | - 1.0 | 80 | 3 | 20 | 9 | 635 | 0 | 0 | | 0 | 6.23 | 2.62 | 2.71 | 25 | | | | | 3 | 2 |
| NEW BRUNSWICK | 51.5 | 35.4 | 43.5 | - 1.8 | 77 | 3 | 24 | 9 | 647 | 0 | 0 | 11 | 0 | 5.35 | 1.71 | 1.95 | 25 | T | T | 23+ | 7 | 3 | 2 |
| PEMBERTON 3 E | 55.4 | 34.4 | 44.9 | - 1.4 | 78 | 2 | 19 | 9 | 606 | 0 | 0 | 15 | 0 | 4.28 | .77 | 2.12 | 25 | .0 | 0 | | 6 | 2 | 1 |
| SEABROOK FARMS | 54.5 | 36.4 | 45.5 | | 79 | 3 | 22 | 9 | 591 | 0 | 0 | 13 | 0 | 5.42 | | 2.00 | 25 | .0 | 0 | | 7 | 5 | 1 |
| SHILOH | 55.0 | 37.3 | 46.2 | - .1 | 78 | 2 | 24 | 9 | 574 | 0 | 0 | 7 | 0 | 4.29 | .56 | 1.70 | 25 | .0 | 0 | | 6 | 3 | 2 |
| TOMS RIVER | 54.4 | 35.0 | 44.7 | | 79 | 3 | 22 | 9 | 615 | 0 | 0 | 17 | 0 | 5.32 | | 1.85 | 25 | .0 | 0 | | 7 | 4 | 2 |
| TRENTON WSO R | 51.7 | 38.5 | 45.1 | - .7 | 77 | 2 | 28 | 23+ | 599 | 0 | 0 | 6 | 0 | 4.64 | 1.48 | 1.39 | 29 | T | 0 | | 7 | 3 | 2 |
| TUCKERTON | 55.5 | 35.5 | 45.5 | | 76 | 1 | 20 | 9 | 589 | 0 | 0 | 13 | 0 | 5.74 | | 2.18 | 25 | T | 0 | | 7 | 3 | 2 |
| WOODSTOWN | 55.2 | 36.2 | 45.7 | | 79 | 2 | 21 | 9 | 582 | 0 | 0 | 11 | 0 | 7.18 | | 2.75 | 25 | T | 0 | | 6 | 4 | 3 |
| DIVISION | | | 45.1 | - .6 | | | | | | | | | | 5.42 | 1.68 | | | T | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 53.3 | 39.1 | 46.2 | - 2.1 | 69 | 2 | 26 | 9 | 560 | 0 | 0 | 5 | 0 | 4.29 | .50 | 1.42 | 27 | | | | 7 | 4 | 2 |
| CAPE MAY 1 NW | 55.4 | 40.5 | 48.0 | | 77 | 3+ | 28 | 9 | 519 | 0 | 0 | 6 | 0 | 3.13 | | 1.36 | 25 | .0 | 0 | | 4 | 3 | 1 |
| LONG BRANCH 2 S | 53.7 | 37.1 | 45.4 | - .3 | 77 | 2 | 24 | 9 | 592 | 0 | 0 | 8 | 0 | 4.93 | 1.12 | 1.80 | 25 | T | 0 | | 7 | 3 | 2 |
| SANDY HOOK | 53.0 | 41.8 | 47.4 | | 75 | 2 | 30 | 9 | 527 | 0 | 0 | 3 | 0 | 4.79 | | 2.45 | 25 | T | 0 | | 4 | 2 | 2 |
| DIVISION | | | 46.8 | - .6 | | | | | | | | | | 4.29 | .70 | | | T | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>2 STATIONS | 80 | DATE | 03+ |
| LOWEST TEMPERATURE<br>HIGH POINT PARK | 14 | DATE | 09 |
| GREATEST TOTAL PRECIPITATION<br>WOODSTOWN | 7.18 | | |
| LEAST TOTAL PRECIPITATION<br>CAPE MAY 1 NW | 3.13 | | |
| GREATEST 1 DAY PRECIPITATION<br>HIGHTSTOWN 1 N | 2.76 | DATE | 25 |
| GREATEST TOTAL SNOWFALL<br>HIGH POINT PARK | 12.8 | | |
| GREATEST DEPTH OF SNOW<br>2 STATIONS | 12 | DATE | 26+ |

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 91

# DAILY PRECIPITATION

NEW JERSEY
NOVEMBER 1971

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * ||||||||||||||||||||||||||||||||
| NORTHERN 01 ||||||||||||||||||||||||||||||||
| BELVIDERE | 5.89 |.70|1.42|.48|.17|||.29|||.02|||||T|.04||||.10|T||T||1.14|.02||.27||1.24|•|
| BERNARDSVILLE 2 E | 6.64 |.13|1.42|1.28|.18|||.25|.02||||||||.04||||.04|.01|T|||1.40|.09||.55||1.23|•|
| BLACKWELLS MILLS | 4.98 |.03|.07|.09|.25|||.38||||||||.06|||||.14|T||||1.74|.13||.60||1.47|•|
| BOONTON 1 SE | 5.94 |.39|1.65|.40|.16|||.31|||T|||||.02|.10||||.02|T|T|T||1.20|.12||.42||1.15|•|
| BOUND BROOK 2 W | 4.68 |.02|.40|.04|.10|||.30|||||||||.03||||.12|.02||||1.54|.12||.68||1.31|•|
| BRANCHVILLE | 4.61 |.49|.53|.29|.15|||.38|||.03|||||T|.21||||.05|T|T|||.93|.10||.24||1.21|•|
| CANISTEAR RESERVOIR | 5.97 |.56|.79|.29|.18|||.34|.04||.03|||||.05|.28||||.04|T||||1.48|.34||.34||1.21|•|
| CANOE BROOK | 6.63 |.10|1.41|.98|.19|||.35|||T|||||.01|.03||||T|.05|T|||1.65|.20||.42||1.24|•|
| CHARLOTTEBURG | 5.68 |.51|.95|.34|.15|||.41|.02||.01|||||.02|.23||||.02|T|T|T||1.10|.20||.44||1.28|•|
| CRANFORD | 5.10 |.45|.38|.24||||.24|||T|||||.04|.01||||.09|.01|T|||1.73||.04|.46|.38|1.03|•|
| ESSEX FELLS SERV BLDG | 5.17 |.30|1.52|.21|.17|||.22|||T||||||.10||||T|||||1.04|.06|T|.43||1.12|•|
| FLEMINGTON 1 NE | 4.95 ||.40|.34|.19|||.20|||T||||||.30||||.10|.02|T|||1.25|.10||.40||1.65|•|
| GREENWOOD LAKE | 4.72 |.57|.82|.40|.17|||.37|.05||.03|||||.04|.37||||.05|.03|.02|||.77|.35||.43||.25|•|
| HIGH POINT PARK | 0 4.08 |.26|.41|.05|.13|||.08|||D .05|||||.07|.28||||.10|T|T|||D1.20D|.03||.25||1.17|•|
| JERSEY CITY | 5.81 |1.20|.55|.29||||.27|||T|||||.10|T|||.12||.03|||.08|1.50||.42||1.25||•|
| LAMBERTVILLE | 4.33 |T|.17|.31||||.40|||T|||||.19||||.02|.12|T||||1.57||.31|.08|.89|.27|•|
| LITTLE FALLS | 5.43 |.17|1.88|.10|.15|||.24|T||.01|||||.02|.14|||||T||||1.13|.06||.35||1.18|•|
| LONG VALLEY | 6.55 |.22|1.58|1.30|.20|||.60|||T|||||.05|.06||||.05|||||.65|||.47||1.37|•|
| MAHWAH | 4.29 |.38|.88|.13|.13|||.26|T||.01||||||.43||||.05|.01|T|||.64|.19||.06||1.12|•|
| MIDLAND PARK | 4.81 |1.10|.39|.15||||.33|||.01|||||.32|.01|||.01|||||.34|.52|T|.45||1.18||•|
| MILTON | 0 4.89 |.57|1.20|.22|.18|||.40|||0 .06||||||.20|||||.06||||*|.35||.42||1.23|•|
| MORRIS PLAINS 1 W | 5.73 |.15|1.74|.67|.16|||.31|T||T|||||.02|.05||||T|T|T|T||.90|.10|T|.41||1.22|•|
| NEWARK WSO R | 3.86 |.42|.30|.24||||.29|||T|||||.06||||.05||.01|T||.18|.62||.50||1.19||•|
| NEW MILFORD | 5.28 |1.76|.32|.20||||.22||||||||.25|||||||||.10|.78||.55||1.10||•|
| NEWTON | 4.70 |.67|.80|.25|.16|||.35|||.01|||||.01|.14||||.01|.01|.02|||.75|.18||.22||1.12|•|
| OAK RIDGE RESERVOIR | 5.59 |.58|1.11|.29|.20|||.28|||.04|||||.06|.23||||.08|.03||||1.11|.12||.21||1.25|•|
| PATERSON | 6.47 |1.59|.55|||||.57|||T|||||.72||||||.06||||1.01||.64||1.28|.05|•|
| PHILLIPSBURG | 6.39 |.24|1.98|.23|.17|||.64|||T|T||||.03|.06||||.10|.02||||1.27|.19||.20||1.26|•|
| PLAINFIELD | 5.21 |.37|.28|.29||||.37|||T|T||||.05|.01|||.03|.09|.02|T||.10|1.71||.12|.30|1.47||•|
| POTTERSVILLE 2 NNW | 7.01 |.19|1.85|.87|.31|||.35|||T||||||.09||||.03|||||1.10|.42||.35||1.45|•|
| RAHWAY | 4.29 |.11|.15|.26||||.34||T||||||.05||||.11||T|||.52|.93||.27||1.55||•|
| RINGWOOD | 0 3.71 |.77|.71||T|||.33|||.03|||||.15|.39||||T|T||||D .20|||||1.13|•|
| SOMERVILLE 3 NW | 5.05 |.05|.66||.18|||.32|||T||||||.07||||.05|T||||1.89|.06||.59||1.18|•|
| SPLIT ROCK POND | 6.01 |1.20|1.20|.10|.11||||||.01|||||.05|.46||||.06|||T|.03|1.38|.12||.42||.87|•|
| SUSSEX 1 SE | 4.87 |.45|.68|.25|.17|||.34|.01||.04|||||.04|.34||||.06|.02|.01|||.91|.18||.28||1.09|•|
| WANAQUE RAYMOND DAM | 4.80 |.37|1.02|.18|.12|||.25|||T|||||.03|.21||||T|T||||.95|.17||.40||1.10|•|
| WERTSVILLE | 4.73 |.05|.16|.16|.20|||.36|||T|||||T|.11||||.15|.02|.02|||1.43|.26||.49||1.32|•|
| WEST WHARTON | 6.29 |.18|2.15|.40|.15|||.45|T|||||||T|.08||||.05|.03|.04|.01||.99|.09||.35||1.32|•|
| WOODCLIFF LAKE | 4.58 |1.27|.30|.17||||.16||||||||.35|||||||||.13|.73||.42||1.03|.02|•|
| * * * ||||||||||||||||||||||||||||||||
| SOUTHERN 02 ||||||||||||||||||||||||||||||||
| ATLANTIC CITY WSO | 5.02 ||.41|.75||||.19||||||||T||||.07||T|||.68|1.62||.93||.37||•|
| AUDUBON | 6.51 |T|.58|.65||||.37|||T|||||.12||||.10||T|||.49|2.10||.58||1.52||•|
| BASS RIVER ST FOREST | - |-|-|-|-|-|-|-|-|-|-|-|-|-|-|-|-|-|-|-|-|-|-|-|-|.03||.30|1.70|.46||•|
| BELLEPLAIN ST FOREST | 4.28 |||1.27||||.17||||||||.09||||||.10||||1.73||.49|.14|.14|.15|•|
| BURLINGTON | 5.07 |.01|.20|.50||||.35|||T|||||.05||||.03||||||2.01|||.40|1.02|.50|•|
| CANTON | 4.91 |||.55||||.85|||||||||.05|||||||||2.10||||.66|.70|•|
| CHATSWORTH | 5.05 ||.02|1.25||||||||||||.28||||||||||2.00|||1.00|.50||•|
| FORTESCUE | 3.65 |||.47|.53|||.27||||||||||||||||||1.50|||.43||.45|•|
| FREEHOLD | 6.59 |.03|.04|.18|.37|||.55|T||T|||||T|.02||||.05|.02|T|||2.60|.16||.80||1.77|•|
| GLASSBORO | 6.17 ||1.29|.72||||.37||||||||||||||.04|||1.80|.40|||.50|1.00|.05|•|
| HAMMONTON 2 NNE | 5.05 |T|.01|1.07|.53|||.23|||||||||.02||||.04|||||1.98|.04||.53||.60|•|
| HIGHTSTOWN 1 N | 6.22 |.01|.02|.60||||.37|||T|||||.10||||T|.04||||T|2.76||.20|.44|1.53|.15|•|
| INDIAN MILLS 2 W | 5.67 |||1.74||||.27||||||||.05||||T|T|T|||T|2.34||.45|.05|.77|T|•|
| MAYS LANDING 1 W | 5.08 |T||.58|.73|||.17|.07||||||||.02||||.12|||||2.13|T||.74||.52|•|
| MILLVILLE FAA AIRPORT | 4.39 ||.20|.62||||.18|||T|||||.08||||.20|||||.82|1.17||.61||.51||•|
| MOORESTOWN | 6.23 |.03|.04|.72|.15|||.34|||T||||||.15||||||.06|||2.71|||*|.49|1.54|•|
| NEW BRUNSWICK | 5.35 |.06|.02|.07|.32|||.40|||T|T||||T|.05||||.18|T|T|T||1.95|.11||.64||1.55|•|
| PEMBERTON 3 E | 4.28 |||||||.41||||||||.02|||||.04|||||2.12||.21|.43|.84|.21|•|
| PRINCETON WATER WORKS | 5.22 ||.08|.36||||.35|||T|||||.11||||.12||.01|||.58|1.57||.45||1.59||•|
| SEABROOK FARMS | 5.42 |.03|.02|.76|.59|T||.28|||T||T||||.09|.01|T|T|.03|||||2.00|.40|T|.61||.60|•|
| SHILOH | 4.29 ||.02|1.02||||.32||||||||.02|||||.06|||||1.70||.58|.05|.35|.17|•|
| TOMS RIVER | 5.32 ||.01|.28|.74|||.22|.05||||||||.03||||.02|||||1.85|.12||1.10||.90|•|
| TRENTON WSO R | 4.64 |T|.12|.43||||.34|||T|||||.09||||.02|||||.64|1.12||.49||1.39|T|•|
| TUCKERTON | 5.74 |.01|T|2.02||||.16|||T|||||.01|T|||.10|.03|T|||T|2.18||.81|.12|.30||•|
| WOODSTOWN | 7.18 ||.04|1.80||||.37|||.01|||||.09|||||.03||||.02|2.75||.56|.01|1.40|.10|•|
| * * * ||||||||||||||||||||||||||||||||
| COASTAL 03 ||||||||||||||||||||||||||||||||
| ATLANTIC CITY R | 4.29 ||.01|1.10||||.17||||||||||||.11|||||.59|.71||1.42||.18||•|
| CAPE MAY 1 NW | 3.13 |.01|||.50|||T|.09||||||||T||||.04|||||1.36|||.96||.17|•|
| LONG BRANCH 2 S | 4.93 |T|.05|.53||||.20|T||T|T||||.01|T|||T|.02|.01|||T|1.80||.31|.36|1.18|.46|•|
| SANDY HOOK | 4.79 |T|.05|.39|||||||T|||||.02||||||||||2.45||||.48|1.40|•|

See reference notes following Station **Index**

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 60 | 66 | 76 | 56 | 53 | 58 | 58 | 46 | 44 | 39 | 45 | 45 | 51 | 55 | 45 | 44 | 53 | 54 | 61 | 49 | 45 | 48 | 36 | 38 | 37 | 38 | 41 | 45 | 48 | 42 | | 49.2 |
| | MIN | 55 | 53 | 53 | 36 | 30 | 32 | 36 | 29 | 20 | 23 | 33 | 29 | 32 | 25 | 30 | 38 | 28 | 27 | 29 | 35 | 35 | 32 | 26 | 23 | 26 | 33 | 32 | 27 | 36 | 38 | | 32.7 |
| BOONTON 1 SE | MAX | 59 | 66 | 74 | 58 | 51 | 53 | 59 | 45 | 40 | 38 | 42 | 44 | 49 | 50 | 42 | 50 | 50 | 54 | 59 | 54 | 41 | 48 | 38 | 35 | 35 | 38 | 43 | 45 | 47 | 44 | | 48.4 |
| | MIN | 53 | 59 | 55 | 35 | 30 | 31 | 36 | 31 | 22 | 23 | 35 | 33 | 35 | 24 | 27 | 36 | 29 | 28 | 33 | 35 | 36 | 33 | 25 | 23 | 26 | 33 | 32 | 32 | 35 | 37 | | 33.4 |
| CANOE BROOK | MAX | 66 | 68 | 76 | 59 | 52 | 57 | 63 | 44 | 43 | 41 | 48 | 44 | 52 | 55 | 45 | 47 | 52 | 55 | 62 | 52 | 48 | 48 | 40 | 36 | 39 | 38 | 44 | 49 | 50 | 47 | | 50.7 |
| | MIN | 54 | 56 | 54 | 39 | 30 | 35 | 36 | 23 | 19 | 21 | 32 | 30 | 34 | 22 | 25 | 33 | 28 | 27 | 28 | 32 | 26 | 28 | 26 | 22 | 23 | 30 | 32 | 29 | 30 | 31 | | 31.2 |
| CHARLOTTEBURG | MAX | 61 | 65 | 74 | 56 | 49 | 53 | 56 | 47 | 38 | 39 | 43 | 40 | 49 | 48 | 45 | 48 | 49 | 55 | 60 | 53 | 46 | 45 | 35 | 36 | 34 | 35 | 41 | 40 | 43 | 42 | | 47.5 |
| | MIN | 51 | 59 | 53 | 40 | 37 | 31 | 32 | 28 | 21 | 20 | 31 | 31 | 34 | 21 | 21 | 35 | 29 | 29 | 29 | 34 | 34 | 31 | 23 | 21 | 21 | 31 | 30 | 31 | 33 | 33 | | 31.8 |
| CRANFORD | MAX | 70 | 77 | 75 | 56 | 57 | 61 | 62 | 43 | 41 | 48 | 45 | 53 | 54 | 46 | 47 | 53 | 55 | 61 | 55 | 52 | 49 | 41 | 38 | 38 | 40 | 46 | 50 | 50 | 47 | 48 | | 51.9 |
| | MIN | 59 | 62 | 56 | 38 | 31 | 30 | 39 | 27 | 20 | 28 | 36 | 32 | 38 | 26 | 30 | 44 | 32 | 28 | 32 | 33 | 34 | 33 | 26 | 27 | 33 | 34 | 35 | 32 | 32 | 39 | | 34.9 |
| ESSEX FELLS SERV BLDG | MAX | 64 | 68 | 75 | 59 | 52 | 53 | 62 | 45 | 41 | 40 | 45 | 44 | 52 | 51 | 44 | 45 | 50 | 51 | 59 | 52 | 46 | 49 | 39 | 35 | 36 | 40 | 43 | 48 | 48 | 46 | | 49.4 |
| | MIN | 52 | 61 | 55 | 35 | 29 | 30 | 39 | 25 | 20 | 25 | 32 | 29 | 38 | 23 | 29 | 35 | 28 | 29 | 35 | 30 | 35 | 31 | 24 | 23 | 27 | 28 | 30 | 31 | 30 | 38 | | 32.5 |
| FLEMINGTON 1 NE | MAX | 61 | 70 | 78 | 58 | 52 | 56 | 61 | 45 | 43 | 41 | 45 | 44 | 52 | 56 | 45 | 45 | 53 | 54 | 61 | 53 | 48 | 48 | 39 | 37 | 38 | 40 | 44 | 48 | 49 | 46 | | 50.3 |
| | MIN | 56 | 60 | 58 | 32 | 29 | 26 | 28 | 26 | 18 | 18 | 26 | 23 | 34 | 23 | 25 | 38 | 26 | 27 | 29 | 37 | 35 | 32 | 24 | 22 | 26 | 35 | 30 | 32 | 35 | 35 | | 31.5 |
| HIGH POINT PARK | MAX | 59 | 64 | 70 | 52 | 45 | 50 | 53 | 37 | 35 | 33 | 40 | 35 | 47 | 51 | 45 | 45 | 48 | 50 | 56 | 50 | 47 | 42 | 30 | 28 | 31 | 34 | 38 | 37 | 40 | 38 | | 44.3 |
| | MIN | 48 | 58 | 49 | 34 | 34 | 36 | 35 | 24 | 14 | 22 | 27 | 29 | 28 | 24 | 26 | 32 | 29 | 30 | 42 | 33 | 26 | 26 | 17 | 15 | 17 | 28 | 29 | 33 | 30 | 31 | | 30.2 |
| JERSEY CITY | MAX | 67 | 75 | 71 | 54 | 55 | 57 | 57 | 42 | 38 | 47 | 45 | 51 | 52 | 45 | 50 | 52 | 54 | 60 | 57 | 53 | 51 | 40 | 37 | 39 | 39 | 46 | 49 | 50 | 48 | 47 | | 50.9 |
| | MIN | 60 | 65 | 50 | 44 | 39 | 40 | 35 | 32 | 29 | 35 | 40 | 37 | 40 | 31 | 38 | 44 | 34 | 39 | 43 | 42 | 39 | 33 | 27 | 27 | 33 | 36 | 36 | 40 | 40 | 33 | | 38.7 |
| LAMBERTVILLE | MAX | 74 | 80 | 72 | 56 | 59 | 62 | 60 | 45 | 44 | 43 | 48 | 56 | 59 | 48 | 45 | 54 | 58 | 63 | 53 | 53 | 50 | 42 | 40 | 38 | 42 | 47 | 48 | 50 | 47 | 48 | | 52.8 |
| | MIN | 60 | 62 | 54 | 35 | 30 | 31 | 37 | 29 | 20 | 29 | 36 | 28 | 35 | 28 | 34 | 42 | 30 | 30 | 35 | 35 | 38 | 30 | 23 | 25 | 34 | 34 | 32 | 31 | 36 | 39 | | 34.7 |
| LITTLE FALLS | MAX | 63 | 69 | 76 | 59 | 53 | 55 | 62 | 46 | 42 | 39 | 48 | 46 | 50 | 51 | 45 | 45 | 51 | 54 | 61 | 56 | 48 | 53 | 40 | 37 | 39 | 40 | 46 | 49 | 49 | 46 | | 50.6 |
| | MIN | 57 | 61 | 56 | 39 | 35 | 33 | 45 | 31 | 24 | 30 | 34 | 33 | 38 | 24 | 32 | 38 | 31 | 30 | 35 | 38 | 39 | 33 | 25 | 25 | 28 | 33 | 35 | 35 | 36 | 40 | | 35.8 |
| LONG VALLEY | MAX | 62 | 65 | 72 | 57 | 50 | 53 | 57 | 44 | 40 | 37 | 43 | 41 | 52 | 54 | 44 | 44 | 50 | 52 | 60 | 51 | 45 | 48 | 36 | 34 | 35 | 35 | 42 | 43 | 47 | 44 | | 47.9 |
| | MIN | 55 | 56 | 51 | 34 | 30 | 27 | 39 | 25 | 18 | 26 | 31 | 27 | 34 | 20 | 33 | 36 | 31 | 26 | 31 | 33 | 34 | 30 | 23 | 22 | 29 | 32 | 33 | 31 | 34 | 37 | | 32.3 |
| MORRIS PLAINS 1 W | MAX | 63 | 67 | 75 | 59 | 51 | 55 | 59 | 50 | 40 | 39 | 46 | 44 | 51 | 53 | 44 | 50 | 53 | 55 | 61 | 54 | 47 | 49 | 38 | 36 | 35 | 38 | 44 | 46 | 49 | 45 | | 49.9 |
| | MIN | 53 | 61 | 51 | 32 | 28 | 28 | 33 | 27 | 18 | 27 | 33 | 28 | 34 | 24 | 25 | 36 | 29 | 28 | 31 | 35 | 35 | 31 | 24 | 23 | 26 | 31 | 30 | 31 | 34 | 37 | | 32.1 |
| NEWARK WSO | MAX | 72 | 78 | 69 | 54 | 57 | 62 | 64 | 44 | 40 | 50 | 46 | 53 | 55 | 45 | 51 | 54 | 55 | 62 | 58 | 54 | 52 | 42 | 39 | 43 | 42 | 47 | 51 | 52 | 51 | 49 | | 53.0 |
| | MIN | 64 | 69 | 50 | 42 | 38 | 42 | 34 | 32 | 29 | 35 | 38 | 37 | 39 | 30 | 39 | 42 | 38 | 39 | 42 | 40 | 41 | 33 | 30 | 30 | 36 | 37 | 39 | 40 | 40 | 36 | | 39.4 |
| NEWTON | MAX | 58 | 66 | 74 | 56 | 50 | 52 | 58 | 50 | 39 | 39 | 43 | 41 | 51 | 50 | 44 | 48 | 50 | 51 | 59 | 50 | 45 | 45 | 34 | 33 | 32 | 36 | 43 | 45 | 46 | 40 | | 47.6 |
| | MIN | 52 | 55 | 50 | 35 | 29 | 27 | 30 | 28 | 19 | 23 | 30 | 29 | 31 | 21 | 24 | 34 | 25 | 26 | 28 | 34 | 35 | 31 | 23 | 22 | 23 | | 30 | 32 | 33 | 33 | | 30.8 |
| PATERSON | MAX | 67 | 75 | 68 | 57 | 56 | 57 | 61 | 47 | 41 | 50 | 49 | 52 | 52 | 47 | 46 | 52 | 51 | 61 | 55 | 55 | 53 | 42 | 38 | 40 | 38 | 48 | 49 | 52 | 46 | 49 | | 51.8 |
| | MIN | 57 | 62 | 50 | 35 | 39 | 43 | 33 | 30 | 23 | 32 | 33 | 33 | 34 | 26 | 35 | 40 | 33 | 33 | 38 | 37 | 35 | 32 | 24 | 25 | 32 | 33 | 34 | 37 | 38 | 34 | | 35.7 |
| PHILLIPSBURG | MAX | 59 | 63 | 73 | 62 | 48 | 52 | 56 | 45 | 40 | 38 | 43 | 42 | 51 | 54 | 43 | 44 | 52 | 51 | 58 | 47 | 46 | 44 | 38 | 34 | 34 | 36 | 40 | 42 | 46 | 40 | | 47.4 |
| | MIN | 55 | 58 | 55 | 35 | 31 | 30 | 30 | 28 | 20 | 20 | 29 | 28 | 32 | 25 | 25 | 36 | 29 | 28 | 28 | 34 | 36 | 32 | 25 | 25 | 26 | 30 | 32 | 32 | 34 | 36 | | 32.1 |
| PLAINFIELD | MAX | 69 | 77 | 70 | 58 | 56 | 61 | 57 | 44 | 40 | 49 | 47 | 52 | 55 | 45 | 47 | 52 | 53 | 60 | 55 | 47 | 49 | 40 | 37 | 40 | 39 | 45 | 50 | 50 | 47 | 46 | | 51.2 |
| | MIN | 60 | 62 | 58 | 35 | 30 | 32 | 42 | 26 | 20 | 29 | 36 | 29 | 39 | 27 | 32 | 44 | 29 | 30 | 35 | 34 | 35 | 34 | 27 | 26 | 34 | 34 | 34 | 31 | 35 | 40 | | 35.3 |
| SOMERVILLE 3 NW | MAX | 61 | 69 | 77 | 59 | 52 | 55 | 61 | 45 | 43 | 39 | 46 | 45 | 52 | 55 | 45 | 44 | 50 | 53 | 60 | 50 | 47 | 48 | 38 | 37 | 37 | 39 | 45 | 49 | 49 | 46 | | 49.9 |
| | MIN | 57 | 61 | 57 | 34 | 29 | 29 | 31 | 26 | 18 | 19 | 31 | 27 | 31 | 26 | 32 | 36 | 28 | 28 | 28 | 32 | 34 | 33 | 26 | 24 | 26 | 32 | 31 | 30 | 35 | 35 | | 32.2 |
| SUSSEX 1 SE | MAX | 56 | 65 | 74 | 56 | 56 | 53 | 58 | 42 | 41 | 36 | 44 | 42 | 48 | 46 | 44 | 47 | 50 | 61 | 60 | 51 | 45 | 46 | 35 | 33 | 33 | 33 | 43 | 47 | 45 | 40 | | 47.7 |
| | MIN | 53 | 55 | 49 | 32 | 29 | 27 | 30 | 27 | 16 | 19 | 30 | 30 | 34 | 20 | 20 | 33 | 26 | 26 | 28 | 32 | 35 | 32 | 23 | 21 | 23 | 32 | 31 | 34 | 33 | 34 | | 30.5 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | MAX | 76 | 76 | 65 | 54 | 55 | 62 | 62 | 43 | 42 | 48 | 47 | 60 | 62 | 48 | 56 | 58 | 56 | 60 | 65 | 57 | 50 | 42 | 40 | 49 | 56 | 47 | 53 | 52 | 57 | 45 | | 54.8 |
| | MIN | 65 | 65 | 47 | 36 | 32 | 33 | 30 | 24 | 21 | 35 | 30 | 28 | 30 | 30 | 34 | 36 | 34 | 31 | 38 | 36 | 38 | 31 | 19 | 27 | 34 | 30 | 30 | 34 | 35 | 33 | | 34.2 |
| AUDUBON | MAX | 75 | 79 | 67 | 55 | 58 | 65 | 62 | 45 | 45 | 48 | 50 | 57 | 61 | 60 | 54 | 58 | 57 | 63 | 66 | 56 | 51 | 42 | 40 | 42 | 48 | 48 | 51 | 53 | 54 | 47 | | 55.2 |
| | MIN | 64 | 65 | 52 | 39 | 35 | 38 | 34 | 31 | 25 | 36 | 38 | 31 | 36 | 32 | 35 | 40 | 35 | 34 | 38 | 39 | 40 | 31 | 28 | 30 | 35 | 36 | 36 | 37 | 38 | 39 | | 37.6 |
| BELLEPLAIN ST FOREST | MAX | 77 | 78 | 75 | 59 | 60 | 67 | 64 | 45 | 44 | 51 | 50 | 58 | 65 | 55 | 57 | 57 | 58 | 63 | 68 | 61 | 52 | 44 | 41 | 47 | 55 | 49 | 54 | 52 | 52 | 58 | | 57.2 |
| | MIN | 64 | 61 | 57 | 33 | 28 | 32 | 39 | 26 | 18 | 30 | 31 | 25 | 40 | 30 | 33 | 37 | 32 | 28 | 36 | 34 | 34 | 37 | 24 | 25 | 36 | 28 | 31 | 32 | 32 | 40 | | 34.4 |
| BURLINGTON | MAX | 74 | 76 | 72 | 56 | 66 | 62 | 60 | 50 | 40 | 47 | 45 | 54 | 64 | | 53 | | 52 | 63 | 62 | | 48 | 42 | 40 | 41 | 45 | 44 | | 48 | 50 | 50 | | 54.0 |
| | MIN | 65 | 63 | 56 | 46 | 32 | 38 | 37 | 35 | 25 | 38 | 41 | | 41 | 36 | 38 | 49 | 37 | 35 | 39 | 42 | 34 | 35 | 33 | 25 | 34 | 37 | | 37 | 30 | 35 | | 39.0 |
| CHATSWORTH | MAX | 77 | 79 | 75 | 58 | 56 | 63 | 63 | 45 | 43 | 50 | 48 | 59 | 60 | 52 | 55 | 55 | 57 | 64 | 65 | 61 | 52 | 40 | 40 | 45 | 52 | 48 | 53 | 52 | 53 | | | 55.9 |
| | MIN | 63 | 64 | 56 | 38 | 27 | 30 | 39 | 26 | 18 | 24 | 36 | 26 | 38 | 28 | 30 | 42 | 30 | 26 | 33 | 34 | 40 | 35 | 23 | 24 | 34 | 33 | 33 | 30 | 35 | | | 34.3 |
| FREEHOLD | MAX | 66 | 74 | 78 | 61 | 54 | 57 | 63 | 45 | 43 | 42 | 49 | 47 | 54 | 54 | 46 | 50 | 49 | 55 | 63 | 66 | 50 | 51 | 40 | 38 | 46 | 38 | 46 | 51 | 51 | 55 | | 52.7 |
| | MIN | 59 | 66 | 60 | 37 | 32 | 32 | 40 | 25 | 20 | 27 | 33 | 27 | 38 | 28 | 30 | 43 | 32 | 31 | 37 | 33 | 36 | 32 | 24 | 25 | 31 | 31 | 32 | 33 | 31 | 40 | | 34.8 |
| GLASSBORO | MAX | 67 | 77 | 79 | 74 | 53 | 63 | 61 | 41 | 42 | 43 | 47 | 47 | 58 | 59 | 51 | 54 | 57 | 56 | 59 | 61 | 46 | 48 | 40 | 38 | 48 | 48 | 46 | 50 | 50 | 56 | | 54.0 |
| | MIN | 59 | 65 | 63 | 39 | 33 | 39 | 41 | 32 | 23 | 30 | 36 | 33 | 35 | 30 | 30 | 40 | 37 | 39 | 41 | 36 | 38 | 34 | 28 | 27 | 31 | 32 | 32 | 33 | 33 | 39 | | 36.9 |
| HAMMONTON 2 NNE | MAX | 68 | 78 | 79 | 75 | 57 | 58 | 64 | 46 | 45 | 45 | 51 | 49 | 60 | 62 | 52 | 55 | 58 | 57 | 63 | 65 | 53 | 53 | 42 | 40 | 54 | 45 | 49 | 54 | 53 | 58 | | 56.3 |
| | MIN | 59 | 64 | 61 | 42 | 30 | 30 | 36 | 25 | 19 | 26 | 33 | 25 | 31 | 26 | 30 | 35 | 30 | 29 | 33 | 32 | 35 | 31 | 23 | 24 | 27 | 29 | 30 | 30 | 30 | 32 | | 32.9 |
| HIGHTSTOWN 1 N | MAX | 74 | 78 | 72 | 55 | 56 | 62 | 61 | 42 | 41 | 46 | 46 | 53 | 56 | 48 | 50 | 50 | 52 | 60 | 63 | 58 | 49 | 42 | 37 | 40 | 47 | 45 | 52 | 49 | 51 | 52 | | 52.9 |
| | MIN | 60 | 67 | 55 | 38 | 32 | 32 | 36 | 28 | 21 | 29 | 36 | 29 | 38 | 28 | 31 | 44 | 31 | 31 | 38 | 36 | 38 | 33 | 25 | 25 | 34 | 32 | 33 | 33 | 34 | 39 | | 35.5 |
| INDIAN MILLS 2 W | MAX | 77 | 79 | 73 | 54 | 57 | 64 | 62 | 43 | 43 | 47 | 46 | 58 | 60 | 52 | 53 | 55 | 56 | 62 | 65 | 60 | 49 | 40 | 38 | 41 | 51 | 46 | 52 | 50 | 54 | 56 | | 54.8 |
| | MIN | 62 | 66 | 53 | 33 | 27 | 28 | 35 | 27 | 16 | 25 | 33 | 24 | 38 | 26 | 30 | 37 | 28 | 27 | 38 | 35 | 37 | 35 | 24 | 22 | 34 | 33 | 32 | 33 | 30 | 39 | | 33.6 |
| MILLVILLE FAA AIRPORT | MAX | 77 | 79 | 68 | 54 | 57 | 63 | 62 | 43 | 43 | 47 | 48 | 59 | 62 | 52 | 56 | 57 | 56 | 62 | 65 | 58 | 48 | 40 | 38 | 46 | 53 | 47 | 52 | 50 | 56 | 47 | | 54.8 |
| | MIN | 67 | 68 | 51 | 34 | 30 | 35 | 31 | 27 | 20 | 35 | 31 | 27 | 38 | 34 | 35 | 38 | 33 | 31 | 40 | 38 | 38 | 31 | 27 | 30 | 35 | 32 | 34 | 35 | 33 | 36 | | 35.8 |
| MOORESTOWN | MAX | 68 | 76 | 80 | 58 | 54 | 55 | 60 | 41 | 44 | 43 | 48 | 48 | 53 | 56 | 47 | 53 | 58 | 53 | 59 | 62 | 47 | 47 | 41 | 40 | 43 | 38 | | | 52 | 54 | | 52.8 |
| | MIN | 62 | 67 | 56 | 38 | 34 | 30 | 38 | 28 | 20 | 29 | 38 | 28 | 36 | 28 | 31 | 39 | 29 | 29 | 33 | 37 | 39 | 33 | 25 | 25 | 31 | 31 | | | 33 | 39 | | 35.2 |
| NEW BRUNSWICK | MAX | 67 | 73 | 77 | 62 | 52 | 55 | 63 | 45 | 43 | 40 | 46 | 45 | 52 | 55 | 45 | 48 | 51 | 56 | 60 | 60 | 47 | 49 | 38 | 37 | 43 | 40 | 45 | 50 | 50 | 50 | | 51.5 |
| | MIN | 57 | 65 | 59 | 39 | 34 | 34 | 42 | 28 | 24 | 27 | 33 | 31 | 33 | 27 | 29 | 41 | 32 | 30 | 36 | 36 | 38 | 33 | 26 | 27 | 25 | 34 | 34 | 34 | 36 | 39 | | 35.4 |
| PEMBERTON 3 E | MAX | 76 | 78 | 74 | 56 | 60 | 63 | 58 | 45 | 44 | 49 | 49 | 59 | 61 | 51 | 53 | 53 | 56 | 64 | 66 | 62 | 53 | 41 | 41 | 41 | 50 | 49 | 50 | 53 | 54 | 53 | | 55.4 |
| | MIN | 61 | 65 | 55 | 34 | 28 | 32 | 37 | 26 | 19 | 27 | 36 | 28 | 37 | 28 | 31 | 43 | 29 | 27 | 36 | 34 | 36 | 31 | 21 | 25 | 33 | 32 | 33 | 32 | 34 | 41 | | 34.4 |
| SEABROOK FARMS | MAX | 68 | 77 | 79 | 62 | 53 | 57 | 64 | 43 | 43 | 45 | 49 | 47 | 60 | 61 | 52 | 55 | 58 | 56 | 61 | 65 | 50 | 49 | 41 | 38 | 54 | 44 | 47 | 51 | 50 | 56 | | 54.5 |
| | MIN | 61 | 68 | 62 | 39 | 32 | 34 | 41 | 29 | 22 | 30 | 37 | 28 | 36 | 31 | 35 | 39 | 33 | 31 | 40 | 37 | 41 | 36 | 25 | 27 | 30 | 32 | 34 | 32 | 32 | 38 | | 36.4 |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SHILOH | MAX | 76 | 78 | 74 | 57 | 57 | 62 | 60 | 43 | 44 | 50 | 47 | 59 | 60 | 49 | 55 | 57 | 56 | 60 | 65 | 60 | 50 | 45 | 37 | 43 | 52 | 46 | 48 | 50 | 54 | 55 | | 55.0 |
| | MIN | 64 | 67 | 57 | 40 | 37 | 36 | 40 | 30 | 24 | 33 | 35 | 29 | 43 | 31 | 36 | 37 | 34 | 32 | 44 | 37 | 40 | 34 | 25 | 27 | 33 | 33 | 34 | 34 | 34 | 39 | | 37.3 |
| TOMS RIVER | MAX | 68 | 77 | 79 | 65 | 54 | 58 | 64 | 47 | 44 | 42 | 49 | 48 | 59 | 58 | 48 | 55 | 51 | 56 | 61 | 67 | 50 | 51 | 41 | 39 | 53 | 47 | 41 | 52 | 51 | 58 | | 54.4 |
| | MIN | 63 | 65 | 63 | 36 | 30 | 32 | 45 | 27 | 22 | 27 | 33 | 27 | 35 | 30 | 30 | 41 | 30 | 28 | 32 | 37 | 36 | 34 | 23 | 24 | 32 | 30 | 32 | 35 | 31 | 40 | | 35.0 |
| TRENTON WSO | MAX | 73 | 77 | 66 | 52 | 55 | 61 | 61 | 41 | 41 | 46 | 45 | 53 | 55 | 47 | 50 | 52 | 54 | 59 | 60 | 55 | 47 | 40 | 37 | 40 | 44 | 44 | 50 | 49 | 50 | 47 | | 51.7 |
| | MIN | 63 | 66 | 50 | 42 | 38 | 39 | 33 | 31 | 28 | 35 | 36 | 35 | 40 | 31 | 38 | 42 | 38 | 39 | 43 | 39 | 40 | 31 | 28 | 29 | 35 | 35 | 38 | 38 | 39 | 37 | | 38.5 |
| TUCKERTON | MAX | 76 | 75 | 70 | 60 | 58 | 65 | 56 | 45 | 44 | 50 | 50 | 58 | 59 | 49 | 55 | 53 | 54 | 60 | 63 | 59 | 53 | 43 | 42 | 48 | 53 | 49 | 52 | 52 | 57 | 57 | | 55.5 |
| | MIN | 63 | 66 | 58 | 38 | 32 | 44 | 35 | 26 | 20 | 28 | 34 | 28 | 43 | 31 | 31 | 40 | 33 | 28 | 35 | 36 | 38 | 32 | 23 | 26 | 35 | 30 | 33 | 34 | 30 | 34 | | 35.5 |
| WOODSTOWN | MAX | 75 | 79 | 74 | 56 | 56 | 63 | 62 | 45 | 43 | 49 | 48 | 60 | 60 | 52 | 55 | 59 | 56 | 62 | 65 | 60 | 50 | 41 | 38 | 41 | 48 | 48 | 50 | 51 | 55 | 56 | | 55.2 |
| | MIN | 63 | 67 | 55 | 38 | 31 | 35 | 37 | 28 | 21 | 29 | 35 | 34 | 41 | 31 | 34 | 39 | 33 | 31 | 38 | 37 | 39 | 35 | 25 | 26 | 36 | 32 | 34 | 31 | 32 | 39 | | 36.2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 67 | 69 | 65 | 52 | 53 | 60 | 61 | 40 | 42 | 50 | 48 | 57 | 57 | 49 | 56 | 53 | 55 | 56 | 60 | 58 | 51 | 42 | 39 | 50 | 54 | 47 | 50 | 50 | 59 | 48 | | 53.3 |
| | MIN | 62 | 64 | 48 | 38 | 36 | 51 | 28 | 27 | 26 | 38 | 36 | 35 | 41 | 38 | 48 | 43 | 39 | 41 | 54 | 41 | 39 | 33 | 28 | 32 | 36 | 33 | 33 | 34 | 37 | 33 | | 39.1 |
| CAPE MAY 1 NW | MAX | 67 | 77 | 77 | 68 | 55 | 55 | 64 | 55 | 43 | 44 | 50 | 49 | 61 | 59 | 53 | 59 | 58 | 54 | 59 | 66 | 50 | 51 | 39 | 39 | 56 | 44 | 50 | 53 | 49 | 57 | | 55.4 |
| | MIN | 63 | 66 | 66 | 49 | 39 | 46 | 53 | 34 | 28 | 32 | 41 | 31 | 35 | 36 | 36 | 43 | 38 | 36 | 42 | 42 | 40 | 37 | 30 | 30 | 32 | 36 | 35 | 39 | 36 | 43 | | 40.5 |
| LONG BRANCH 2 S | MAX | 74 | 77 | 70 | 54 | 55 | 64 | 62 | 44 | 40 | 49 | 46 | 53 | 54 | 45 | 52 | 51 | 54 | 62 | 64 | 58 | 51 | 41 | 39 | 46 | 46 | 47 | 52 | 51 | 54 | 56 | | 53.7 |
| | MIN | 62 | 66 | 54 | 40 | 34 | 36 | 37 | 29 | 24 | 29 | 36 | 31 | 41 | 34 | 32 | 43 | 33 | 33 | 43 | 38 | 37 | 33 | 26 | 27 | 36 | 35 | 36 | 36 | 32 | 39 | | 37.1 |
| SANDY HOOK | MAX | 71 | 75 | 74 | 59 | 55 | 59 | 62 | 43 | 41 | 49 | 47 | 52 | 54 | 47 | 52 | 52 | 52 | 58 | 57 | 55 | 50 | 44 | 38 | 42 | 48 | 47 | 51 | 52 | 50 | 54 | | 53.0 |
| | MIN | 62 | 66 | 58 | 46 | 44 | 46 | 42 | 35 | 30 | 36 | 39 | 37 | 47 | 35 | 39 | 45 | 41 | 39 | 47 | 42 | 44 | 37 | 31 | 32 | 38 | 38 | 39 | 41 | 39 | 40 | | 41.8 |

# EVAPORATION AND WIND

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEABROOK FARMS | EVAP | .03 | .05 | .15 | - | - | .07 | .08 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | - |
| | MAX | 67 | 74 | 70 | 65 | 56 | 58 | 60 | 51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | - |
| | MIN | 61 | 65 | 64 | 42 | 37 | 38 | 40 | 33 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | - |

CANOE BROOK : NO FENCE.

# SUPPLEMENTAL DATA

| | Wind (Speed — m.p.h.) | | | | | | Relative humidity averages-percent Standard of Time EASTERN | | | | Number of days with precipitation | | | | | | | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and aver | Total | | |
| ATLANTIC CITY WSO | 29 | 5.0 | 10.6 | 32++ | 8 | 25 | 78 | 82 | 55 | 75 | 2 | 1 | 3 | 3 | 1 | 0 | 10 | 46 | 6.7 |
| ATLANTIC CITY | - | - | - | 39 | E | 25 | - | - | - | - | 0 | 1 | 3 | 2 | 2 | 0 | 8 | - | - |
| NEWARK WSO | 29 | 5.0 | 9.8 | 29++ | 2 | 25 | 70 | 74 | 57 | 65 | 2 | 3 | 5 | 2 | 1 | 0 | 13 | - | 6.9 |
| TRENTON WSO | - | - | - | 35 | NE | 25+ | - | - | - | - | 3 | 2 | 4 | 1 | 2 | 0 | 12 | 50 | 6.6 |

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | MAX | 71 | 73 | 71 | 64 | 60 | 60 | 60 | 53 | 51 | 53 | 53 | 53 | 54 | 53 | 52 | 55 | 55 | 56 | - | 53 | 52 | 49 | 47 | 45 | 45 | 47 | 48 | 50 | 50 | 50 | | 54.6 |
| | | MIN | 66 | 69 | 64 | 56 | 54 | 52 | 51 | 49 | 46 | 48 | 50 | 48 | 50 | 48 | 48 | 52 | 48 | 48 | - | 50 | 49 | 44 | 43 | 42 | 44 | 43 | 41 | 46 | 46 | 45 | | 49.7 |
| | 2 | MAX | 70 | 72 | 71 | 65 | 58 | 60 | 60 | 53 | 51 | 53 | 53 | 53 | 54 | 52 | 52 | 55 | 54 | 55 | - | 52 | 51 | 49 | 47 | 46 | 46 | 47 | 48 | 50 | 49 | 50 | | 54.3 |
| | | MIN | 66 | 69 | 65 | 57 | 55 | 53 | 52 | 50 | 47 | 49 | 50 | 49 | 50 | 49 | 49 | 52 | 49 | 48 | - | 51 | 49 | 45 | 44 | 43 | 44 | 44 | 46 | 48 | 47 | 46 | | 50.6 |
| | 4 | MAX | 70 | 72 | 71 | 66 | 59 | 60 | 60 | 54 | 52 | 53 | 54 | 53 | 54 | 52 | 52 | 55 | 54 | 54 | - | 53 | 52 | 50 | 47 | 46 | 46 | 47 | 48 | 49 | 50 | 50 | | 54.6 |
| | | MIN | 66 | 69 | 66 | 59 | 57 | 55 | 54 | 52 | 49 | 50 | 52 | 50 | 52 | 50 | 50 | 52 | 51 | 50 | - | 52 | 50 | 46 | 45 | 43 | 45 | 45 | 46 | 48 | 43 | 47 | | 51.7 |
| | 8 | MAX | 69 | 70 | 70 | 67 | 62 | 60 | 60 | 57 | 54 | 54 | 56 | 54 | 54 | 54 | 53 | 56 | 55 | 55 | - | 54 | 53 | 53 | 50 | 48 | 48 | 48 | 48 | 50 | 50 | 50 | | 55.6 |
| | | MIN | 67 | 69 | 67 | 62 | 60 | 58 | 57 | 54 | 54 | 53 | 54 | 53 | 54 | 53 | 52 | 53 | 54 | 52 | - | 53 | 52 | 50 | 48 | 47 | 47 | 47 | 47 | 48 | 49 | 49 | | 53.9 |
| | 20 | MAX | 68 | 69 | 69 | 68 | 65 | 64 | 62 | 61 | 60 | 59 | 59 | 57 | 57 | 57 | 56 | 58 | 58 | 57 | - | 56 | 56 | 55 | 55 | 53 | 52 | 52 | 51 | 52 | 53 | 52 | | 58.3 |
| | | MIN | 66 | 68 | 68 | 65 | 64 | 62 | 61 | 60 | 59 | 58 | 57 | 57 | 57 | 56 | 56 | 56 | 57 | 56 | - | 55 | 55 | 54 | 53 | 52 | 51 | 51 | 51 | 51 | 52 | 52 | | 57.2 |
| | 40 | MAX | 68 | 69 | 68 | 68 | 66 | 65 | 65 | 64 | 63 | 63 | 63 | 62 | 61 | 60 | 60 | 61 | 61 | 61 | - | 58 | 58 | 58 | 58 | 57 | 56 | 56 | 55 | 55 | 56 | 55 | | 61.0 |
| | | MIN | 67 | 67 | 68 | 66 | 65 | 64 | 64 | 63 | 62 | 62 | 62 | 61 | 60 | 59 | 59 | 60 | 60 | 59 | - | 58 | 58 | 57 | 57 | 56 | 56 | 55 | 55 | 55 | 55 | 54 | | 60.1 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | MAX | 74 | 79 | 72 | 57 | 57 | 62 | 59 | 49 | 47 | 53 | 52 | 50 | 54 | 51 | 50 | 54 | 58 | 60 | - | 52 | 52 | 43 | 39 | 40 | 43 | 47 | 48 | 53 | 49 | 49 | | 53.6 |
| | | MIN | 66 | 69 | 55 | 43 | 40 | 41 | 38 | 37 | 36 | 39 | 40 | 38 | 40 | 41 | 40 | 46 | 39 | 39 | - | 44 | 41 | 36 | 35 | 35 | 40 | 38 | 39 | 44 | 42 | 39 | | 42.1 |
| | 2 | MAX | 74 | 77 | 72 | 59 | 59 | 60 | 58 | 48 | 46 | 52 | 52 | 51 | 53 | 46 | 50 | 54 | 56 | 58 | - | 51 | 51 | 43 | 39 | 40 | 43 | 46 | 47 | 51 | 47 | 49 | | 52.8 |
| | | MIN | 65 | 70 | 59 | 45 | 42 | 42 | 40 | 38 | 37 | 40 | 41 | 38 | 42 | 42 | 41 | 47 | 40 | 40 | - | 44 | 42 | 37 | 36 | 36 | 40 | 38 | 39 | 45 | 44 | 40 | | 43.0 |
| | 4 | MAX | 71 | 74 | 72 | 61 | 57 | 58 | 57 | 48 | 45 | 50 | 52 | 49 | 52 | 47 | 49 | 55 | 53 | 55 | - | 51 | 50 | 45 | 40 | 40 | 43 | 45 | 46 | 49 | 47 | 49 | | 52.1 |
| | | MIN | 65 | 69 | 61 | 50 | 48 | 46 | 45 | 43 | 41 | 42 | 41 | 42 | 46 | 44 | 44 | 49 | 44 | 42 | - | 47 | 45 | 40 | 39 | 38 | 40 | 40 | 42 | 46 | 44 | 43 | | 45.7 |
| | 8 | MAX | 69 | 71 | 69 | 67 | 56 | 57 | 57 | 51 | 48 | 49 | 51 | 49 | 51 | 48 | 49 | 53 | 52 | 53 | - | 51 | 50 | 48 | 45 | 43 | 45 | 44 | 46 | 47 | 47 | 48 | | 52.2 |
| | | MIN | 65 | 68 | 67 | 56 | 54 | 52 | 51 | 48 | 47 | 46 | 45 | 46 | 48 | 47 | 47 | 49 | 49 | 48 | - | 50 | 48 | 45 | 43 | 42 | 43 | 38 | 44 | 46 | 46 | 47 | | 49.1 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

SUB-STA 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER.

SUB-STA 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES.

# SPECIAL WEATHER SUMMARY

The weather was warm at the start of the month, followed by mostly cool from the 5th to the 25th, with an occasional day or two of mild weather between cool spells. The weather turned mild again toward the end of the month.

Precipitation was light to moderate during the first 7 days of the month, and light from the 8th through the 24th. Very heavy rains fell on the 25th, 27th, and 29th. Those three storms produced the bulk of the precipitation for the month.

The rain and snow on Thanksgiving day, the 25th, was the most noteworthy weather event of the month. Rainfall averaged about 2 inches over the southern two-thirds of the State that day. Lighter amounts of precipitation occurred over North Jersey, but snowfall in the northwest counties varied from 1 to 12 inches, with the heaviest amounts in Sussex County.

Donald V. Dunlap
Climatologist for New Jersey
Department of Meteorology
College of Agriculture and
Environmental Science
Rutgers - The State University
New Brunswick, New Jersey 08903

# SNOWFALL AND SNOW ON GROUND

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | | | | | | | | | | .3 | | | | | | | | | | | | | T | | 4.0 | | | T | | | |
| | SN ON GND | | | | | | | | | | T | | | | | | | | | | | | | | | 3 | 1 | 1 | T | | | |
| CHARLOTTEBURG | SNOWFALL | | | | | | | | | | T | | | | | | | | | | | | | | | 6.0 | I.0 | | | | | |
| | SN ON GND | | | | | | | | | | T | | | | | | | | | | | | | | | 6 | 5 | 4 | 3 | 2 | T | |
| FLEMINGTON 1 NE | SNOWFALL | | | | | | | | | | T | | | | | | | | | | | | | | | | T | | | | | |
| | SN ON GND | | | | | | | | | | T | | | | | | | | | | | | | | | | T | | | | | |
| LAMBERTVILLE | SNOWFALL | | | | | | | | | | T | | | | | | | | | | | | | | | T | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | SNOWFALL | | | | | | | | | | T | | | | | | | | | | | | | | | .4 | | | | | | |
| | SN ON GND | | | | | | | | | | T | | | | | | | | | | | | | | | T | | | | | | |
| LONG VALLEY | SNOWFALL | | | | | | | | | | T | | | | | | | | | | | | | | | 1.0 | | | | | | |
| | SN ON GND | | | | | | | | | | T | | | | | | | | | | | | | | | 1 | I | | | | | |
| MORRIS PLAINS I W | SNOWFALL | | | | | | | | | | T | | | | | | | | | | | | T | T | | 3.0 | | T | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2 | 1 | | | | |
| NEWARK WSO | SNOWFALL | | | | | | | | | | T | | | | | | | | | | | | T | | | T | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | T | | | | | | |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWTON | SNOWFALL | | | | | | | | | | T | | | | | | | | | | | | T | | | 7.5 | I.5 | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 5 | 4 | 2 | 1 | T | |
| PATERSON | SNOWFALL | - | | | | | | | | | T | | | | | | | | | | | | | | | T | | | | | | |
| | SN ON GND | | | | | | | | | | T | | | | | | | | | | | | | | | T | | | | | | |
| PHILLIPSBURG | SNOWFALL | | | | | | | | | | T | T | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLAINFIELD | SNOWFALL | | | | | | | | | | T | | | | | | | | | | | | T | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAHWAY | SNOWFALL | | | | | | | | | T | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | T | | | | | | | | | | | | | | | | | | | | | | |
| SOMERVILLE 3 NW | SNOWFALL | | | | | | | | | | T | | | | | | | | | | | | | | | T | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WANAQUE RAYMOND DAM | SNOWFALL | | | | | | | | | | | | | | | | | | | | | | | | | - | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | - | | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | SNOWFALL | | | | | | | | | | T | | | | | | | | | | | | | | | T | | | | | | |
| | SN ON GND | | | | | | | | | | T | | | | | | | | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | SNOWFALL | | | | | | | | | | T | | | | | | | | | | | | | | T | T | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INDIAN MILLS 2 W | SNOWFALL | | | | | | | | | | | | | | | | | | | | | | | | | T | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | SNOWFALL | | | | | | | | | | T | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOORESTOWN | SNOWFALL | | | | | | | | | | | | | | | | | | | | | | | | | - | - | - | - | - | - | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | - | - | - | - | - | - | |
| NEW BRUNSWICK | SNOWFALL | | | | | | | | | | T | | | | | | | | | | | | | T | | | | | | | | |
| | SN ON GND | | | | | | | | | | T | | | | | | | | | | | | | T | | | | | | | | |
| TRENTON WSO | SNOWFALL | | | | | | | | | | T | | | | | | | | | | | | | | | T | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2 S | SNOWFALL | | | | | | | | T | | T | | | | | | | | | | | | | | | T | | | | | T | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL SEE NOTES | |
| ALLENDALE | 010[illegible] | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WSO | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID | | C MJ | NATL WEATHER SERVICE |
| ATLANTIC CITY | R 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID | | J | STATE MARINA |
| AUDUBON | 034[illegible] | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 9A | | M | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 069[illegible] | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A | | M | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 7A | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 7A | | | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 8A | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 7A | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 8A | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A | | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A | | M | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLINTON 2 N | 1756 | 01 | HUNTERDON | 10 | 40 40 | 74 55 | 350 | | | | C | NJ BUREAU OF WTR SUPPLY |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P | | | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A | | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 302[illegible] | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A | | M | DONALD YOUNG |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 8A | 8A | | C M | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A | | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 351[illegible] | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 7A | | | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A | | | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C M | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | M | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P | | M | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A | | | INACTIVE 9/1/70 |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | C M | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P | | M | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A | | M | MRS. ALICE A. MOLZ |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 7A | | | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | C | DAVID O. GRISCOM |
| MAYS LANDING 1 W | 534[illegible] | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 5A | | M | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | RIDGEWOOD WATER CO. |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | 8A | 8A | | M | US DEPT OF AGRICULTURE |
| MORRIS PLAINS 1 W | 576[illegible] | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A | | H | JOSEPH H. GARRIS, III |
| MOUNT HOLLY | 586[illegible] | 02 | BURLINGTON | 2 | 39 59 | 74 48 | 10 | | | | C | J. WESLEY GOODFELLOW |
| NEWARK WSO | R 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | CGH | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MID | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C M | NEWTON WTR. & SWR. COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 8A | | | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8P | 8P | | M | ROBERT DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | M | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A | | M | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P | | M | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 8A | | | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | MID | | C M | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 06 | 74 16 | 305 | | 10A | | | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P | | | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | M | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A | | M | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A | | | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A | | | TOMS RIVER WATER CO. |
| TRENTON WSO | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C MJ | NATL WEATHER SERVICE |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P | | | LAWRENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 8A | | C M | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | N.J. POWER & LIGHT CO. |
| WINDSOR | 9761 | 02 | MERCER | 2 | 40 15 | 74 35 | 88 | | | | C | JACOBUS J. MOOIMAN |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MID | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN 11-ROCKAWAY

# REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., e.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 1:00 p.m., e.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.

No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

S Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 1 4 72-920

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# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
DECEMBER 1971
Volume 76 No. 12

THE LIBRARY OF THE
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UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 44.5 | 28.0 | 36.3 | 4.4 | 63 | 17 | 13 | 23+ | 881 | 0 | 1 | 19 | 0 | 1.86 | - 1.80 | .72 | 7 | 2.3 | 2 | 18 | 6 | 1 | 0 |
| BOONTON 1 SE | 44.0 | 28.6 | 36.3 | 4.8 | 59 | 17+ | 14 | 23 | 884 | 0 | 4 | 22 | 0 | 1.97 | - 1.45 | .64 | 31 | T | T | 6 | 4 | 2 | 0 |
| CANOE BROOK | 45.5 | 26.2 | 35.9 | 4.7 | 62 | 17+ | 12 | 5+ | 902 | 0 | 1 | 23 | 0 | 1.56 | - 2.09 | .59 | 7 | | | | 3 | 2 | 0 |
| CHARLOTTEBURG | 43.5 | 26.1 | 34.8 | 4.0 | 59 | 17 | 13 | 24+ | 929 | 0 | 5 | 22 | 0 | 2.00 | - 2.12 | .68 | 7 | T | T | 30+ | 4 | 2 | 0 |
| CRANFORD | 48.3 | 32.3 | 40.3 | | 64 | 16+ | 16 | 23+ | 761 | 0 | 1 | 14 | 0 | 1.58 | | .56 | 30+ | .4 | T | 19+ | 3 | 2 | 0 |
| ESSEX FELLS SERV BLDG | 45.6 | 28.5 | 37.1 | | 63 | 12 | 13 | 5 | 859 | 0 | 1 | 22 | 0 | 1.62 | | .57 | 7 | T | 0 | | 4 | 2 | 0 |
| FLEMINGTON 1 NE | 45.6 | 28.0 | 36.8 | 3.5 | 64 | 17 | 13 | 23 | 864 | 0 | 1 | 21 | 0 | 1.55 | - 1.87 | .41 | 31 | .6 | 1 | 19+ | 4 | 0 | 0 |
| HIGH POINT PARK | 40.2 | 23.1M | 31.7M | | 56 | 13 | 10 | 19+ | 1032 | 0 | 6 | | 0 | 2.34 | | .70 | 31 | 1.3 | 1 | 31 | 5 | 2 | 0 |
| JERSEY CITY | 46.8 | 33.9 | 40.4 | 5.6 | 65 | 11 | 21 | 31+ | 755 | 0 | 1 | 12 | 0 | 1.65 | - 1.64 | .58 | 7 | T | 0 | | 3 | 2 | 0 |
| LAMBERTVILLE | 47.8 | 31.3 | 39.6 | 5.9 | 66 | 16 | 15 | 23+ | 785 | 0 | 0 | 16 | 0 | 0 1.19 | - 2.19 | .39 | 30+ | .5 | T | 18 | 2 | 0 | 0 |
| LITTLE FALLS | 46.1 | 29.6 | 37.9 | 4.3 | 63 | 17+ | 16 | 23+ | 836 | 0 | 0 | 18 | 0 | 1.80 | - 2.10 | .57 | 7 | .1 | T | 6 | 5 | 2 | 0 |
| LONG VALLEY | 44.7 | 27.8 | 36.3 | | 62 | 17 | 12 | 19 | 883 | 0 | 2 | 23 | 0 | 2.08 | - 1.71 | .60 | 7 | 2.0 | 2 | 18 | 5 | 2 | 0 |
| MORRIS PLAINS 1 W | 45.6 | 27.1 | 36.4 | | 63 | 17 | 12 | 19+ | 880 | 0 | 2 | 23 | 0 | 1.92 | | .65 | 31 | .5 | 1 | 18 | 4 | 2 | 0 |
| NEWARK WSO R | 48.3 | 34.4 | 41.4 | 6.7 | 65 | 16+ | 21 | 19 | 724 | 0 | 0 | 11 | 0 | 1.51 | - 1.71 | .53 | 30 | .4 | T | 18+ | 3 | 2 | 0 |
| NEWTON | 42.9 | 25.5 | 34.2 | 4.5 | 60 | 17 | 12 | 24+ | 946 | 0 | 5 | 24 | 0 | 2.10 | - 1.10 | .74 | 7 | .3 | T | 30+ | 4 | 2 | 0 |
| PATERSON | 47.8 | 31.7 | 39.8 | 5.7 | 65 | 16 | 19 | 23 | 775 | 0 | 0 | 15 | 0 | 2.34 | - 1.49 | .70 | 30 | T | 0 | | 7 | 2 | 0 |
| PHILLIPSBURG | 43.1 | 27.5 | 35.3 | 2.6 | 67 | 12 | 15 | 23+ | 912 | 0 | 2 | 21 | 0 | 1.74 | - 1.90 | .48 | 31+ | .0 | 0 | | 5 | 0 | 0 |
| PLAINFIELD | 46.0 | 33.0 | 39.5 | 5.5 | 64 | 16 | 16 | 23+ | 781 | 0 | 0 | 14 | 0 | 1.72 | - 1.87 | .53 | 7 | .5 | 0 | | 3 | 1 | 0 |
| SOMERVILLE 3 NW | 45.3 | 28.4 | 36.9 | 3.8 | 64 | 17 | 12 | 3 | 866 | 0 | 1 | 20 | 0 | 1.60 | - 1.73 | .52 | 7 | 3.0 | 3 | 18 | 5 | 1 | 0 |
| SUSSEX 1 SE | 42.5 | 25.0 | 33.8 | 3.6 | 59 | 17+ | 12 | 24+ | 961 | 0 | 4 | 23 | 0 | 3.42 | .06 | .76 | 31 | .5 | T | 6 | 8 | 3 | 0 |
| DIVISION | | | 37.0 | 4.6 | | | | | | | | | | 1.88 | - 1.68 | | | .7 | | | | | |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 50.4 | 31.7 | 41.1 | 4.5 | 66 | 16+ | 16 | 19 | 736 | 0 | 0 | 17 | 0 | 2.08 | - 1.14 | 1.46 | 7 | .1 | T | 18 | 3 | 1 | 1 |
| AUDUBON | 50.3 | 34.3 | 42.3 | | 69 | 16 | 18 | 3 | 697 | 0 | 0 | 13 | 0 | 1.51 | | 1.00 | 7 | T | 0 | | 3 | 1 | 1 |
| BELLEPLAIN ST FOREST | 53.3 | 34.0 | 43.7 | | 68 | 11 | 12 | 3 | 655 | 0 | 0 | 15 | 0 | 3.55 | - .10 | 2.76 | 7 | .0 | 0 | | 3 | 2 | 1 |
| BURLINGTON | 50.7M | 35.8M | 43.3M | 7.3 | 67 | 16 | | | 668 | 0 | 0 | | 0 | .95 | - 2.11 | .33 | 8 | .0 | 0 | | 3 | 0 | 0 |
| CHATSWORTH | 53.4M | 32.1M | 42.8M | | 68 | 16+ | 10 | 3 | 659 | 0 | 0 | 17 | 0 | 1.45 | | .56 | 8 | .0 | 0 | | 4 | 1 | 0 |
| FREEHOLD | 48.3 | 31.0 | 39.7 | 5.0 | 68 | 17 | 15 | 19 | 778 | 0 | 0 | 17 | 0 | 1.79 | - 1.66 | .52 | 8 | 1.0 | 1 | 18 | 6 | 1 | 0 |
| GLASSBORO | 49.0 | 32.5 | 40.8 | | 67 | 17+ | 19 | 24+ | 747 | 0 | 0 | 16 | 0 | 1.89 | | 1.17 | 8 | .0 | 0 | | 4 | 1 | 1 |
| HAMMONTON 2 NNE | 50.4 | 28.9 | 39.7 | 2.6 | 70 | 17 | 14 | 3 | 777 | 0 | 1 | 19 | 0 | 2.12 | - 1.61 | .94 | 8 | T | 0 | | 4 | 2 | 0 |
| HIGHTSTOWN 1 N | 48.2 | 32.9 | 40.6 | 6.3 | 66 | 16 | 17 | 23 | 751 | 0 | 0 | 17 | 0 | 1.26 | - 1.77 | .51 | 7 | 1.0 | T | 19+ | 4 | 1 | 0 |
| INDIAN MILLS 2 W | 50.1 | 31.5 | 40.8 | 6.0 | 68 | 16 | 10 | 3 | 744 | 0 | 0 | 16 | 0 | 2.44 | - .79 | 1.60 | 7 | | | | 4 | 1 | 1 |
| MILLVILLE FAA AIRPORT | 50.9 | 32.8 | 41.9 | | 67 | 28+ | 12 | 3 | 713 | 0 | 0 | 16 | 0 | 2.78 | | 1.94 | 7 | T | T | 18 | 3 | 2 | 1 |
| MOORESTOWN | 48.4 | 30.9 | 39.7 | 4.9 | 69 | 17 | 14 | 3 | 778 | 0 | 0 | 17 | 0 | 1.81 | - 1.10 | .99 | 8 | T | 0 | | 4 | 1 | 0 |
| NEW BRUNSWICK | 46.8 | 30.4 | 38.6 | 4.4 | 66 | 16 | 18 | 23+ | 810 | 0 | 0 | 18 | 0 | 1.46 | - 1.71 | .43 | 7 | .7 | 1 | 18 | 4 | 0 | 0 |
| PEMBERTON 3 E | 50.3 | 32.4 | 41.4 | 5.8 | 68 | 16 | 12 | 3 | 725 | 0 | 0 | 16 | 0 | 2.35 | - .73 | .96 | 7 | .0 | 0 | | 4 | 2 | 0 |
| SEABROOK FARMS | 49.8M | 32.7M | 41.3M | | 67 | 17+ | 16 | 3 | 729 | 0 | 0 | 16 | 0 | 2.06 | | 1.03 | 8 | .0 | 0 | | 4 | 1 | 1 |
| SHILOH | 51.0 | 34.8 | 42.9 | 6.8 | 66 | 16+ | 17 | 3 | 679 | 0 | 0 | 13 | 0 | 2.40 | - .66 | 1.44 | 7 | .0 | 0 | | 3 | 2 | 1 |
| TOMS RIVER | 50.5 | 31.6 | 41.1 | | 69 | 16 | 13 | 3 | 736 | 0 | 0 | 16 | 0 | 2.39 | | 1.31 | 8 | T | T | 18 | 5 | 1 | 1 |
| TRENTON WSO R | 48.7 | 35.5 | 42.1 | 6.9 | 66 | 16+ | 22 | 23+ | 700 | 0 | 0 | 11 | 0 | 1.24 | - 1.63 | .52 | 7 | .5 | T | 19+ | 4 | 1 | 0 |
| TUCKERTON | 51.6 | 32.8 | 42.2 | | 68 | 16+ | 14 | 3 | 700 | 0 | 0 | 16 | 0 | 2.11 | | 1.24 | 7 | 1.5 | T | 19+ | 4 | 1 | 1 |
| WOODSTOWN | 51.0 | 33.0 | 42.0 | | 68 | 16 | 11 | 3 | 704 | 0 | 0 | 15 | 0 | 1.92 | | .91 | 7 | .0 | 0 | | 3 | 1 | 0 |
| DIVISION | | | 41.4 | 6.1 | | | | | | | | | | 1.98 | - 1.28 | | | .3 | | | | | |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 51.7 | 38.1 | 44.9 | 6.6 | 67 | 28+ | 21 | 2 | 615 | 0 | 0 | 10 | 0 | 2.85 | - .63 | 2.09 | 7 | | | | 3 | 2 | 1 |
| CAPE MAY 1 NW | 51.5 | 35.5 | 43.5 | | 66 | 17 | 20 | 3 | 660 | 0 | 0 | 11 | 0 | 2.76 | | 1.20 | 8 | .0 | 0 | | 5 | 2 | 1 |
| LONG BRANCH 2 S | 49.4 | 33.6 | 41.5 | 6.2 | 69 | 16 | 16 | 19 | 720 | 0 | 0 | 14 | 0 | 1.66 | - 1.97 | .59 | 7 | 1.5 | T | 19+ | 5 | 1 | 0 |
| SANDY HOOK | M | M | M | | | | | | | 0 | | | 0 | | | .45 | 7 | .0 | 0 | | 2 | 0 | 0 |
| DIVISION | | | 43.3 | 6.3 | | | | | | | | | | 2.42 | - .92 | | | .5 | | | | | |

### EXTREMES

| | | | |
|---|---|---|---|
| HIGHEST TEMPERATURE<br>HAMMONTON 2 NNE | 70 | DATE | 17 |
| LOWEST TEMPERATURE<br>3 STATIONS | 10 | DATE | 19+ |
| GREATEST TOTAL PRECIPITATION<br>BELLEPLAIN ST FOREST | 3.55 | | |
| LEAST TOTAL PRECIPITATION<br>BURLINGTON | .95 | | |
| GREATEST 1 DAY PRECIPITATION<br>BELLEPLAIN ST FOREST | 2.76 | DATE | 07 |
| GREATEST TOTAL SNOWFALL<br>SOMERVILLE 3 NW | 3.0 | | |
| GREATEST DEPTH OF SNOW<br>SOMERVILLE 3 NW | 3 | DATE | 18 |

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 98

# DAILY PRECIPITATION

| Station | Total | Day of Month 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * *<br>NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 1.86 | | | | | T | .10 | .72 | .16 | T | .01 | T | | T | | .05 | .10 | | .15 | | T | .01 | | | T | .09 | T | | .03 | T | | .44 | . |
| BERNARDSVILLE 2 E | 1.73 | | | | | | T | .61 | .19 | | .02 | .02 | | | | .11 | .07 | | .03 | | .02 | .03 | | | | .03 | .02 | | | | | .58 | . |
| BLACKWELLS MILLS | 1.41 | | | | | | | .35 | .30 | T | T | T | | | .12 | .03 | T | | .13 | .05 | .04 | | | | .01 | .01 | | | | | | .37 | . |
| BOONTON 1 SE | 1.97 | | | | | | .04 | .62 | .21 | T | .02 | .06 | | | | .10 | .08 | | T | | T | .03 | | | | .09 | .03 | | .05 | | | .64 | . |
| BOUND BROOK 2 W | 1.19 | | | | | | T | .43 | .17 | | T | T | | | | .08 | .01 | | | | .05 | .03 | | | | T | .02 | | | | | .40 | . |
| BRANCHVILLE | 2.20 | | | | | | .10 | .78 | .18 | T | .03 | .03 | | | | .16 | .07 | | T | | T | | | | T | .15 | .04 | T | | | .04 | .62 | . |
| CANISTEAR RESERVOIR | 2.09 | | | | | | .06 | .69 | .24 | T | .03 | .02 | | | | .10 | T | | T | | .01 | | | | | .20 | .05 | T | .03 | | .04 | .62 | . |
| CANOE BROOK | 1.56 | | | | | | T | .59 | .21 | T | T | T | | | | .08 | .06 | | T | | T | .04 | | | | .06 | T | | T | | T | .52 | . |
| CHARLOTTEBURG | 2.00 | | | | | | .07 | .68 | .19 | T | .02 | .05 | | | | .15 | .08 | | T | | T | .01 | | | | .08 | .05 | | .02 | T | .02 | .58 | . |
| CRANFORD | 1.58 | | | | | | .14 | .56 | .05 | | | T | T | | .02 | .09 | | | .04 | T | .07 | T | | | .03 | | .01 | T | .01 | | .56 | | . |
| ESSEX FELLS SERV BLDG | 1.62 | | | | | | | .57 | .27 | | | | | | | | .02 | | T | | | | | | .02 | .09 | .12 | | | | T | .53 | . |
| FLEMINGTON 1 NE | 1.55 | | | | | | T | .40 | .24 | | .04 | .02 | | | | .11 | .08 | | .03 | T | .08 | .05 | | | | .04 | .05 | T | T | T | | .41 | . |
| GREENWOOD LAKE | 2.62 | | | | | | .10 | .70 | .25 | | .03 | .09 | | | | .25 | .13 | | .02 | | | .03 | | | | .12 | .08 | .02 | .03 | | .02 | .75 | . |
| HIGH POINT PARK | 2.34 | | | | | | .03 | .66 | .42 | .04 | .06 | .05 | | .04 | | .05 | .12 | | T | T | T | | | | .04 | | T | .10 | .03 | | | .70 | . |
| JERSEY CITY | 1.65 | | | | | | .40 | .58 | T | | | | | | .06 | .05 | | | T | T | .06 | | | | T | | | | | | .50 | | . |
| LAMBERTVILLE | D 1.19 | | | | | | .09 | .39 | .02 | | | T | | | .07 | .02 | | | 0 .05 | | .09 | | | | .07 | | T | T | | | .39 | | . |
| LITTLE FALLS | 1.80 | | | | | | .02 | .57 | .26 | | T | T | | | | .12 | .05 | | T | | .01 | .01 | | | | .08 | .03 | | .11 | | T | .54 | . |
| LONG VALLEY | 2.08 | | | | | | .06 | .60 | .16 | .02 | .03 | .03 | | | | .14 | .09 | | .15 | T | | .05 | | | | .08 | T | | .06 | | .08 | .53 | . |
| MAHWAH | 2.10 | | | | | | .04 | .70 | .20 | | .02 | .03 | | | | .20 | .09 | | .01 | | | T | | | | | .15 | | .01 | | T | .65 | . |
| MIDLAND PARK | 1.92 | | | | | | .76 | .26 | | | .02 | | | | .12 | .08 | | | T | T | .01 | | | | .07 | | .02 | | | | .58 | | . |
| MILTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| MORRIS PLAINS 1 W | 1.92 | | | | | | .04 | .61 | .23 | T | .03 | .05 | | T | | .12 | .06 | | .02 | T | T | .03 | | | T | | .06 | | .02 | T | T | .65 | . |
| NEWARK WSO R | 1.51 | | | | | | .50 | .18 | T | | T | | T | | .08 | .05 | | | .03 | T | .06 | | | | .05 | | .03 | | T | | .53 | T | . |
| NEW MILFORD | 2.23 | | | | | | .78 | .38 | | | | | | | .27 | .07 | | | | | .05 | | | | .11 | | | | | | .57 | | . |
| NEWTON | 2.10 | | | | | | .06 | .74 | .15 | .01 | .04 | .01 | | | | .13 | .06 | | .01 | | .01 | .01 | | | .03 | .09 | .08 | | .03 | | .02 | .62 | . |
| OAK RIDGE RESERVOIR | 1.71 | | | | | | T | .26 | .08 | .03 | .06 | .09 | | | | .17 | .12 | | .06 | | T | T | | | .03 | .04 | .04 | | .02 | | T | .71 | . |
| PATERSON | 2.34 | | | | | | .52 | .45 | .03 | | .02 | | | | .15 | .10 | .02 | | | .05 | | | | | .17 | | .02 | T | .11 | | .70 | | . |
| PHILLIPSBURG | 1.74 | | | | | | .05 | .48 | .17 | | .03 | | | | | .10 | .04 | | .26 | | .03 | .03 | | | | | .02 | T | | .02 | .03 | .48 | . |
| PLAINFIELD | 1.72 | | | | | | .32 | .53 | .05 | | | .01 | T | | .08 | .08 | | | .04 | T | .09 | | | | .01 | | .03 | T | | | .48 | | . |
| POTTERSVILLE 2 NNW | 1.97 | | | | | | T | .65 | .23 | T | .02 | .03 | | | | .09 | .11 | | .15 | | T | .06 | | | | .05 | T | T | T | .01 | | .57 | . |
| RAHWAY | 1.50 | | | | | | T | .46 | .30 | | | | | | .09 | .02 | | | .05 | | .05 | | | | .03 | | .02 | | | | .48 | | . |
| RINGWOOD | 2.02 | | | | | | .11 | .62 | .20 | | | .05 | | | | .16 | .05 | | | | .03 | T | | | .03 | .05 | .07 | T | T | | .65 | | . |
| SOMERVILLE 3 NW | 1.60 | | | | | | T | .52 | .16 | | T | .01 | | | | .12 | .12 | | .06 | | .02 | .05 | | | | .04 | .02 | | | .01 | | .47 | . |
| SPLIT ROCK POND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |
| SUSSEX 1 SE | 3.42 | | | | | | .11 | .74 | .21 | .02 | .06 | .02 | | | | .20 | .08 | | .01 | | T | .03 | | | .03 | .14 | .18 | .01 | .73 | .02 | .07 | .76 | . |
| WANAQUE RAYMOND DAM | 2.02 | | | | | | .05 | .64 | .18 | | T | .05 | | | | .15 | .10 | | | | T | | | | | .13 | .05 | | T | | .02 | .65 | . |
| WERTSVILLE | 1.09 | | | | | | T | .34 | .21 | | .01 | T | | | | .07 | .03 | | .01 | T | .07 | .01 | | | T | | T | | | | T | .34 | . |
| WEST WHARTON | 1.85 | | | | | | T | .64 | .15 | | .04 | .03 | | | | .08 | .07 | | .01 | | T | .03 | | | | .14 | .02 | | T | .02 | | .62 | . |
| WOODCLIFF LAKE | 1.91 | | | | | | .72 | .25 | .02 | | | | | | .15 | .02 | .02 | | | | .04 | | | | .12 | .05 | | | | | .52 | | . |
| * * *<br>SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 2.08 | | | | | | .11 | 1.46 | T | | T | | T | | | | | .01 | .01 | T | .46 | T | | | T | | | | T | | .03 | | . |
| AUDUBON | 1.51 | | | | | | .08 | 1.00 | | | T | | | | T | T | | T | T | | .33 | T | | | T | | | | T | | .10 | | . |
| BASS RIVER ST FOREST | 1.99 | | | | | | | 1.04 | .40 | | | | | | | | | | | | .43 | .12 | | | | | | | | | | | . |
| BELLEPLAIN ST FOREST | 3.55 | | | | | | | 2.76 | .12 | | | | .01 | .01 | | | | .01 | | | .52 | .03 | | | | | | | | | .09 | | . |
| BURLINGTON | .95 | | | | | | .02 | .26 | .33 | .01 | | | | | .01 | .01 | | | | | .24 | .05 | | | | | .02 | | | | | | . |
| CANTON | 2.07 | | | | | | | .30 | 1.10 | | | | | .02 | | | | | T | | .49 | | | | | | | | | .16 | | | . |
| CHATSWORTH | 1.45 | | | | | | | | .56 | | | | | | | .10 | | | | | .47 | .04 | | | | | | | | | .28 | | . |
| FORTESCUE | 2.76 | | | | | | | 1.20 | 1.00 | | | | | | | | | | | | .36 | | | | | | | | | | | .20 | . |
| FREEHOLD | 1.79 | | | | | | | .30 | .52 | | T | T | | T | | .05 | .03 | | .10 | | .15 | .20 | T | | | .03 | .04 | | | | | .37 | . |
| GLASSBORO | 1.89 | | | | | | | .10 | 1.17 | | .03 | | | | | | | .03 | | | .44 | | | | | | | | | | .12 | | . |
| HAMMONTON 2 NNE | 2.12 | | | | | | | .50 | .94 | | | .01 | | | | | T | | T | | .46 | .12 | | | | | | | | | | .09 | . |
| HIGHTSTOWN 1 N | 1.26 | | | | | | .04 | .51 | .11 | | T | T | T | | .03 | .03 | | | .03 | T | .17 | | | | .02 | | .01 | T | T | | .31 | | . |
| INDIAN MILLS 2 W | 2.44 | | | | | | T | 1.60 | .25 | | | T | T | | T | T | | | .09 | | .33 | T | | | T | | | | | | .17 | | . |
| MAYS LANDING 1 W | 2.71 | | | | | | | .68 | 1.37 | | | T | | T | | | | T | .03 | | .35 | .25 | .01 | | | T | | | | T | | .02 | . |
| MILLVILLE FAA AIRPORT | 2.78 | | | | | | .22 | 1.94 | | | T | | T | | T | T | | T | T | T | .54 | .01 | | | T | | | | | | .07 | | . |
| MOORESTOWN | 1.81 | | | | | | | .30 | .99 | | | | | T | | T | T | | T | | .27 | .03 | .05 | | | | | .03 | | | .14 | | . |
| NEW BRUNSWICK | 1.46 | | | | | | T | .43 | .29 | T | T | T | | | | .11 | .02 | | .02 | | .07 | .05 | | | | .03 | .02 | | T | T | T | .42 | . |
| PEMBERTON 3 E | 2.35 | | | | | | | .96 | .65 | | | .02 | | | .01 | .02 | | | | | .32 | .06 | | | .03 | | | | | | .28 | | . |
| PRINCETON WATER WORKS | 1.37 | | | | | | .20 | .51 | T | | T | | | | .02 | .01 | | | .10 | | .11 | | | | .03 | | T | | | | .39 | | . |
| SEABROOK FARMS | 2.06 | T | | | | | | .45 | 1.03 | .01 | T | .01 | | .02 | | .01 | | | | | .37 | .15 | T | | | T | | | | | | .01 | . |
| SHILOH | 2.40 | | | | | | | 1.44 | .37 | | | | | .01 | | | | | | | .50 | | | | | | | | | | .08 | | . |
| TOMS RIVER | 2.39 | | | | | | | .36 | 1.31 | | | T | T | T | | | .02 | | .04 | | .17 | .15 | | | | | T | | | | | .34 | . |
| TRENTON WSO R | 1.24 | | | | | | .14 | .52 | T | | | | T | | .02 | .02 | | | .05 | T | .15 | .01 | | | .02 | | .02 | T | T | | .29 | | . |
| TUCKERTON | 2.11 | | | | | | T | 1.24 | .22 | | T | | | T | T | .01 | | T | .14 | | .40 | T | | | .01 | | | T | T | | .09 | | . |
| WOODSTOWN | 1.92 | | | | | | T | .91 | .42 | | .02 | .01 | T | | .02 | .01 | | | | | .42 | .01 | | | .01 | | .01 | T | T | | .08 | | . |
| * * *<br>COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY R | 2.85 | | | | | | .11 | 2.09 | | | | | .07 | | | .02 | | .02 | | | .53 | | | | | | | | | | .06 | | . |
| CAPE MAY 1 NW | 2.76 | | | | | | | .98 | 1.20 | | | | | .10 | | | | T | | | .27 | .17 | | | | | | | | | | .04 | . |
| LONG BRANCH 2 S | 1.66 | | | | | | .02 | .59 | .34 | | | T | .01 | | .03 | .03 | T | | .12 | | .17 | T | | | T | | .02 | | | | .33 | | . |
| SANDY HOOK | - | | | | | | | .45 | .21 | | | | | | .05 | .05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | . |

See reference notes following Station Index.

# DAILY TEMPERATURES

NEW JERSEY
DECEMBER 1971

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | MAX | 44 | 35 | 34 | 35 | 44 | 39 | 42 | 48 | 40 | 45 | 53 | 61 | 51 | 53 | 39 | 48 | 63 | 45 | 32 | 36 | 39 | 53 | 36 | 38 | 46 | 44 | 48 | 46 | 54 | 44 | 46 | 44.5 |
| | MIN | 30 | 16 | 13 | 14 | 15 | 19 | 34 | 39 | 38 | 38 | 44 | 24 | 35 | 24 | 24 | 36 | 37 | 24 | 16 | 22 | 35 | 28 | 13 | 19 | 32 | 33 | 38 | 41 | 30 | 31 | 27 | 28.0 |
| BOONTON 1 SE | MAX | 45 | 34 | 32 | 36 | 42 | 34 | 50 | 50 | 41 | 47 | 53 | 59 | 46 | 50 | 38 | 55 | 59 | 45 | 32 | 30 | 40 | 49 | 32 | 37 | 48 | 39 | 50 | 50 | 54 | 41 | 45 | 44.0 |
| | MIN | 28 | 20 | 15 | 23 | 17 | 17 | 31 | 39 | 37 | 39 | 41 | 25 | 32 | 28 | 32 | 37 | 40 | 27 | 18 | 22 | 30 | 27 | 14 | 19 | 31 | 31 | 30 | 41 | 34 | 34 | 29 | 28.6 |
| CANOE BROOK | MAX | 46 | 34 | 33 | 37 | 44 | 38 | 52 | 51 | 43 | 47 | 57 | 62 | 47 | 51 | 40 | 55 | 62 | 46 | 32 | 34 | 40 | 52 | 35 | 37 | 49 | 40 | 53 | 48 | 57 | 43 | 47 | 45.5 |
| | MIN | 22 | 20 | 13 | 12 | 12 | 16 | 28 | 33 | 37 | 37 | 41 | 22 | 29 | 23 | 28 | 37 | 36 | 26 | 16 | 20 | 30 | 28 | 13 | 13 | 23 | 30 | 37 | 40 | 31 | 31 | 29 | 26.2 |
| CHARLOTTEBURG | MAX | 43 | 31 | 30 | 34 | 40 | 35 | 49 | 49 | 39 | 45 | 54 | 58 | 48 | 49 | 36 | 58 | 59 | 43 | 29 | 30 | 41 | 50 | 31 | 39 | 47 | 38 | 52 | 51 | 54 | 41 | 47 | 43.5 |
| | MIN | 26 | 17 | 14 | 15 | 15 | 15 | 27 | 36 | 35 | 35 | 40 | 22 | 28 | 28 | 27 | 34 | 38 | 24 | 16 | 17 | 29 | 26 | 13 | 13 | 28 | 27 | 36 | 38 | 33 | 31 | 25 | 26.1 |
| CRANFORD | MAX | 39 | 35 | 36 | 44 | 39 | 46 | 53 | 49 | 49 | 54 | 64 | 54 | 52 | 48 | 48 | 64 | 60 | 42 | 32 | 44 | 52 | 49 | 36 | 49 | 50 | 54 | 54 | 57 | 47 | 47 | 49 | 48.3 |
| | MIN | 30 | 19 | 16 | 26 | 17 | 24 | 44 | 41 | 40 | 43 | 49 | 26 | 38 | 27 | 36 | 42 | 42 | 28 | 17 | 32 | 39 | 29 | 16 | 33 | 33 | 35 | 41 | 45 | 33 | 33 | 27 | 32.3 |
| ESSEX FELLS SERV BLDG | MAX | 46 | 34 | 33 | 37 | 42 | 35 | 51 | 49 | 42 | 46 | 62 | 63 | 47 | 51 | 40 | 59 | 62 | 45 | 32 | 34 | 43 | 49 | 38 | 39 | 48 | 42 | 52 | 54 | 52 | 42 | 46 | 45.6 |
| | MIN | 28 | 18 | 14 | 22 | 13 | 21 | 28 | 37 | 36 | 38 | 44 | 25 | 38 | 25 | 32 | 39 | 39 | 26 | 14 | 21 | 30 | 27 | 14 | 26 | 29 | 31 | 40 | 41 | 30 | 31 | 25 | 28.5 |
| FLEMINGTON 1 NE | MAX | 45 | 36 | 36 | 35 | 43 | 36 | 52 | 51 | 42 | 48 | 58 | 62 | 48 | 50 | 38 | 48 | 64 | 47 | 32 | 33 | 40 | 51 | 35 | 39 | 51 | 41 | 53 | 47 | 58 | 43 | 52 | 45.6 |
| | MIN | 25 | 19 | 14 | 15 | 14 | 19 | 30 | 40 | 38 | 38 | 45 | 29 | 29 | 24 | 25 | 38 | 41 | 23 | 15 | 20 | 33 | 29 | 13 | 14 | 30 | 32 | 38 | 42 | 32 | 32 | 33 | 28.0 |
| HIGH POINT PARK | MAX | 39 | 27 | 26 | 29 | 37 | 30 | 45 | 43 | 35 | 42 | 55 | 55 | 56 | 44 | 33 | 54 | 55 | 40 | 26 | 33 | 37 | 44 | 27 | 36 | 44 | 35 | 46 | 47 | 47 | 40 | 39 | 40.2 |
| | MIN | 20 | 10 | 13 | 18 | 10 | 16 | 28 | 32 | 31 | 34 | 39 | | 30 | 22 | 24 | 29 | 33 | 20 | 10 | 14 | 28 | 19 | 14 | 13 | 23 | 24 | 33 | 31 | 27 | 26 | 23 | 23.1 |
| JERSEY CITY | MAX | 36 | 34 | 39 | 43 | 36 | 51 | 52 | 44 | 49 | 52 | 65 | 50 | 54 | 44 | 53 | 64 | 50 | 40 | 32 | 44 | 52 | 45 | 35 | 48 | 45 | 52 | 50 | 54 | 43 | 50 | 46 | 46.8 |
| | MIN | 24 | 21 | 24 | 29 | 23 | 30 | 44 | 39 | 40 | 46 | 48 | 36 | 44 | 33 | 38 | 50 | 40 | 23 | 22 | 22 | 41 | 26 | 21 | 35 | 33 | 39 | 44 | 40 | 37 | 39 | 21 | 33.9 |
| LAMBERTVILLE | MAX | 39 | 37 | 37 | 46 | 42 | 40 | 51 | 49 | 48 | 53 | 63 | 49 | 53 | 44 | 47 | 66 | 53 | 41 | 36 | 45 | 51 | 46 | 37 | 50 | 52 | 54 | 53 | 60 | 46 | 45 | 48 | 47.8 |
| | MIN | 31 | 20 | 15 | 21 | 15 | 27 | 39 | 41 | 38 | 43 | 41 | 26 | 38 | 25 | 35 | 42 | 40 | 25 | 18 | 33 | 39 | 28 | 15 | 32 | 35 | 36 | 40 | 42 | 30 | 29 | 30 | 31.3 |
| LITTLE FALLS | MAX | 46 | 38 | 33 | 37 | 44 | 36 | 52 | 50 | 42 | 49 | 55 | 63 | 48 | 53 | 40 | 56 | 63 | 47 | 34 | 36 | 40 | 52 | 35 | 40 | 49 | 42 | 53 | 53 | 54 | 43 | 47 | 46.1 |
| | MIN | 29 | 18 | 17 | 26 | 16 | 20 | 30 | 40 | 38 | 39 | 43 | 27 | 34 | 28 | 33 | 38 | 40 | 29 | 19 | 24 | 34 | 18 | 16 | 23 | 29 | 32 | 39 | 42 | 34 | 34 | 28 | 29.6 |
| LONG VALLEY | MAX | 44 | 34 | 31 | 38 | 41 | 37 | 48 | 49 | 39 | 45 | 60 | 60 | 48 | 50 | 38 | 57 | 62 | 51 | 34 | 32 | 38 | 50 | 33 | 36 | 46 | 39 | 52 | 53 | 53 | 41 | 46 | 44.7 |
| | MIN | 28 | 17 | 13 | 19 | 15 | 22 | 31 | 38 | 37 | 38 | 45 | 22 | 31 | 23 | 24 | 36 | 37 | 22 | 12 | 19 | 32 | 29 | 13 | 28 | 30 | 32 | 39 | 40 | 29 | 31 | 29 | 27.8 |
| MORRIS PLAINS 1 W | MAX | 45 | 35 | 34 | 37 | 43 | 36 | 51 | 50 | 41 | 47 | 58 | 62 | 49 | 52 | 39 | 59 | 63 | 46 | 32 | 31 | 40 | 52 | 34 | 36 | 50 | 40 | 54 | 54 | 56 | 43 | 46 | 45.6 |
| | MIN | 28 | 19 | 12 | 15 | 16 | 19 | 29 | 38 | 37 | 37 | 43 | 23 | 28 | 25 | 26 | 36 | 39 | 24 | 12 | 18 | 30 | 26 | 14 | 15 | 31 | 30 | 36 | 41 | 31 | 32 | 30 | 27.1 |
| NEWARK WSO | MAX | 38 | 36 | 39 | 45 | 38 | 53 | 54 | 46 | 51 | 54 | 65 | 53 | 53 | 42 | 52 | 65 | 50 | 39 | 38 | 45 | 54 | 41 | 39 | 52 | 48 | 55 | 50 | 59 | 45 | 51 | 48 | 48.3 |
| | MIN | 26 | 23 | 22 | 28 | 24 | 32 | 46 | 43 | 43 | 47 | 39 | 35 | 37 | 33 | 40 | 46 | 39 | 22 | 21 | 37 | 41 | 26 | 22 | 37 | 34 | 40 | 47 | 37 | 36 | 40 | 22 | 34.4 |
| NEWTON | MAX | 42 | 32 | 30 | 34 | 40 | 33 | 48 | 47 | 39 | 45 | 55 | 58 | 50 | 49 | 36 | 52 | 60 | 44 | 28 | 32 | 37 | 50 | 32 | 38 | 48 | 40 | 49 | 45 | 50 | 42 | 45 | 42.9 |
| | MIN | 26 | 16 | 12 | 14 | 13 | 14 | 30 | 36 | 35 | 37 | 42 | 22 | 28 | 24 | 27 | 32 | 37 | 23 | 15 | 19 | 30 | 25 | 12 | 12 | 25 | 29 | 37 | 37 | 31 | 30 | 22 | 25.5 |
| PATERSON | MAX | 38 | 36 | 39 | 44 | 36 | 48 | 52 | 46 | 49 | 53 | 64 | 50 | 54 | 42 | 47 | 65 | 52 | 39 | 45 | 50 | 53 | 43 | 39 | 46 | 49 | 52 | 59 | 55 | 45 | 45 | 46 | 47.8 |
| | MIN | 24 | 20 | 20 | 24 | 20 | 27 | 44 | 39 | 38 | 41 | 34 | 30 | 40 | 32 | 34 | 46 | 37 | 22 | 22 | 35 | 38 | 24 | 19 | 31 | 32 | 38 | 42 | 37 | 35 | 33 | 26 | 31.7 |
| PHILLIPSBURG | MAX | 40 | 33 | 31 | 32 | 40 | 38 | 42 | 46 | 40 | 49 | 50 | 67 | 46 | 47 | 39 | 48 | 58 | 48 | 38 | 33 | 37 | 47 | 38 | 38 | 44 | 39 | 47 | 45 | 52 | 42 | 43 | 43.1 |
| | MIN | 28 | 18 | 16 | 16 | 15 | 17 | 30 | 38 | 37 | 37 | 37 | 26 | 31 | 27 | 25 | 35 | 40 | 23 | 19 | 19 | 32 | 28 | 15 | 16 | 28 | 34 | 37 | 40 | 28 | 27 | 33 | 27.5 |
| PLAINFIELD | MAX | 40 | 33 | 36 | 44 | 35 | 47 | 51 | 42 | 48 | 55 | 63 | 51 | 51 | 41 | 47 | 64 | 47 | 42 | 34 | 43 | 51 | 45 | 37 | 50 | 40 | 53 | 48 | 57 | 44 | 49 | 38 | 46.0 |
| | MIN | 32 | 19 | 17 | 25 | 20 | 25 | 42 | 41 | 40 | 46 | 48 | 27 | 40 | 27 | 35 | 46 | 42 | 27 | 16 | 31 | 39 | 30 | 16 | 37 | 33 | 36 | 40 | 44 | 34 | 32 | 37 | 33.0 |
| SOMERVILLE 3 NW | MAX | 46 | 35 | 33 | 35 | 43 | 39 | 50 | 50 | 42 | 46 | 56 | 62 | 49 | 51 | 39 | 50 | 64 | 46 | 32 | 33 | 40 | 51 | 35 | 37 | 50 | 43 | 53 | 47 | 56 | 43 | 49 | 45.3 |
| | MIN | 31 | 19 | 12 | 14 | 18 | 24 | 29 | 40 | 38 | 39 | 44 | 24 | 35 | 25 | 24 | 37 | 40 | 24 | 14 | 21 | 33 | 29 | 13 | 13 | 32 | 33 | 42 | 42 | 32 | 29 | 30 | 28.4 |
| SUSSEX 1 SE | MAX | 41 | 33 | 31 | 35 | 40 | 41 | 41 | 45 | 38 | 45 | 55 | 59 | 55 | 48 | 35 | 55 | 59 | 49 | 29 | 30 | 35 | 49 | 32 | 38 | 39 | 37 | 47 | 46 | 47 | 42 | 40 | 42.5 |
| | MIN | 26 | 12 | 12 | 14 | 12 | 13 | 27 | 36 | 34 | 35 | 43 | 23 | 28 | 24 | 26 | 32 | 38 | 26 | 16 | 18 | 30 | 16 | 12 | 12 | 27 | 27 | 34 | 37 | 33 | 29 | 23 | 25.0 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | MAX | 37 | 34 | 35 | 45 | 40 | 52 | 55 | 47 | 50 | 54 | 66 | 58 | 53 | 48 | 66 | 66 | 51 | 36 | 44 | 53 | 50 | 38 | 42 | 55 | 49 | 57 | 54 | 63 | 45 | 61 | 59 | 50.4 |
| | MIN | 25 | 20 | 18 | 22 | 23 | 28 | 47 | 42 | 42 | 47 | 31 | 28 | 31 | 28 | 41 | 51 | 33 | 20 | 16 | 40 | 37 | 20 | 17 | 41 | 35 | 41 | 41 | 32 | 29 | 33 | 23 | 31.7 |
| AUDUBON | MAX | 39 | 36 | 36 | 46 | 43 | 54 | 53 | 49 | 50 | 56 | 65 | 56 | 54 | 44 | 58 | 69 | 55 | 40 | 40 | 47 | 52 | 44 | 40 | 52 | 48 | 55 | 54 | 60 | 44 | 61 | 60 | 50.3 |
| | MIN | 27 | 22 | 18 | 26 | 21 | 29 | 48 | 42 | 41 | 47 | 46 | 36 | 40 | 29 | 40 | 49 | 39 | 24 | 21 | 39 | 43 | 28 | 20 | 34 | 39 | 39 | 45 | 40 | 33 | 32 | 25 | 34.3 |
| BELLEPLAIN ST FOREST | MAX | 45 | 38 | 35 | 46 | 43 | 54 | 56 | 55 | 52 | 52 | 68 | 60 | 57 | 50 | 60 | 67 | 63 | 45 | 40 | 53 | 53 | 51 | 42 | 55 | 55 | 57 | 55 | 67 | 59 | 59 | 59 | 53.3 |
| | MIN | 32 | 19 | 12 | 23 | 23 | 27 | 51 | 43 | 42 | 46 | 50 | 29 | 48 | 26 | 42 | 54 | 43 | 25 | 18 | 30 | 46 | 30 | 18 | 31 | 33 | 36 | 41 | 41 | 26 | 33 | 37 | 34.0 |
| BURLINGTON | MAX | 49 | 37 | | 41 | 47 | 50 | 50 | 48 | 48 | 50 | 63 | 52 | 52 | 46 | 57 | 67 | 60 | | 41 | 43 | 48 | 47 | 39 | 51 | 50 | 50 | 50 | 57 | 56 | 65 | 56 | 50.7 |
| | MIN | 33 | 28 | | 27 | 23 | 25 | 47 | 42 | 42 | 45 | 49 | 33 | 39 | 36 | 40 | 46 | 42 | | 26 | 34 | 42 | 28 | 21 | | 38 | 37 | 44 | 43 | 33 | 35 | 23 | 35.8 |
| CHATSWORTH | MAX | | | | | 47 | 51 | 55 | 51 | 50 | 57 | 68 | 58 | 55 | 45 | 55 | 68 | 62 | 44 | 35 | 48 | 50 | 45 | 41 | 57 | 54 | 57 | 57 | 62 | 52 | 57 | 62 | 53.4 |
| | MIN | 30 | 17 | 10 | | 19 | 24 | 50 | 43 | 40 | 45 | 51 | 25 | 45 | 22 | 37 | 52 | 43 | 22 | 12 | 33 | 44 | 30 | 14 | 28 | 31 | 33 | 39 | 40 | 28 | 27 | 30 | 32.1 |
| FREEHOLD | MAX | 47 | 36 | 35 | 33 | 42 | 34 | 54 | 50 | 41 | 47 | 61 | 66 | 57 | 57 | 43 | 66 | 68 | 47 | 33 | 42 | 45 | 51 | 36 | 42 | 54 | 46 | 53 | 54 | 60 | 44 | 53 | 48.3 |
| | MIN | 30 | 19 | 16 | 21 | 21 | 24 | 34 | 40 | 39 | 41 | 47 | 29 | 42 | 28 | 32 | 43 | 41 | 25 | 15 | 21 | 34 | 30 | 17 | 21 | 34 | 34 | 43 | 43 | 30 | 32 | 35 | 31.0 |
| GLASSBORO | MAX | 47 | 39 | 34 | 34 | 43 | 39 | 54 | 53 | 44 | 50 | 55 | 67 | 55 | 52 | 43 | 67 | 67 | 47 | 34 | 43 | 48 | 50 | 37 | 42 | 53 | 47 | 56 | 53 | 60 | 43 | 63 | 49.0 |
| | MIN | 31 | 21 | 19 | 21 | 21 | 22 | 38 | 43 | 41 | 42 | 44 | 32 | 45 | 28 | 31 | 43 | 43 | 22 | 22 | 27 | 41 | 32 | 20 | 19 | 39 | 36 | 42 | 43 | 30 | 33 | 35 | 32.5 |
| HAMMONTON 2 NNE | MAX | 49 | 40 | 35 | 31 | 44 | 42 | 55 | 54 | 45 | 52 | 59 | 69 | 59 | 55 | 44 | 68 | 70 | 54 | 36 | 45 | 50 | 49 | 37 | 41 | 50 | 52 | 58 | 55 | 60 | 42 | 62 | 50.4 |
| | MIN | 26 | 18 | 14 | 20 | 17 | 23 | 30 | 38 | 32 | 41 | 44 | 25 | 41 | 24 | 27 | 39 | 45 | 22 | 16 | 26 | 38 | 28 | 15 | 16 | 34 | 36 | 39 | 37 | 26 | 26 | 34 | 28.9 |
| HIGHTSTOWN 1 N | MAX | 39 | 34 | 35 | 44 | 38 | 47 | 53 | 48 | 49 | 53 | 64 | 49 | 51 | 41 | 54 | 66 | 57 | 39 | 34 | 45 | 50 | 47 | 38 | 50 | 51 | 53 | 52 | 60 | 46 | 51 | 55 | 48.2 |
| | MIN | 30 | 20 | 18 | 22 | 19 | 26 | 46 | 41 | 40 | 45 | 45 | 29 | 41 | 28 | 36 | 54 | 39 | 26 | 18 | 32 | 41 | 29 | 17 | 32 | 35 | 35 | 43 | 44 | 29 | 30 | 29 | 32.9 |
| INDIAN MILLS 2 W | MAX | 40 | 34 | 35 | 44 | 42 | 52 | 54 | 50 | 50 | 50 | 66 | 58 | 52 | 42 | 56 | 68 | 57 | 40 | 36 | 47 | 48 | 45 | 40 | 53 | 53 | 56 | 55 | 61 | 48 | 58 | 62 | 50.1 |
| | MIN | 30 | 18 | 10 | 18 | 18 | 24 | 50 | 41 | 40 | 45 | 43 | 25 | 42 | 22 | 39 | 55 | 36 | 24 | 12 | 33 | 43 | 27 | 12 | 30 | 36 | 36 | 43 | 42 | 25 | 27 | 29 | 31.5 |
| MILLVILLE FAA AIRPORT | MAX | 39 | 34 | 34 | 44 | 44 | 53 | 56 | 50 | 50 | 53 | 67 | 57 | 53 | 47 | 67 | 66 | 53 | 35 | 45 | 51 | 50 | 38 | 42 | 53 | 49 | 57 | 53 | 67 | 47 | 62 | 62 | 50.9 |
| | MIN | 28 | 18 | 12 | 25 | 25 | 31 | 50 | 43 | 42 | 47 | 30 | 29 | 30 | 28 | 42 | 53 | 33 | 23 | 21 | 40 | 38 | 24 | 22 | 33 | 37 | 43 | 41 | 35 | 29 | 36 | 28 | 32.8 |
| MOORESTOWN | MAX | 47 | 38 | 37 | 34 | 43 | 39 | 54 | 52 | 44 | 50 | 56 | 64 | 50 | 54 | 42 | 68 | 69 | 46 | 33 | 43 | 47 | 51 | 38 | 37 | 50 | 44 | 52 | 52 | 60 | 44 | 61 | 48.4 |
| | MIN | 31 | 20 | 14 | 21 | 18 | 25 | 35 | 41 | 40 | 41 | 46 | 26 | 38 | 27 | 31 | 41 | 43 | 24 | 17 | 26 | 40 | 30 | 16 | 16 | 34 | 35 | 43 | 44 | 31 | 32 | 33 | 30.9 |
| NEW BRUNSWICK | MAX | 45 | 35 | 34 | 35 | 44 | 35 | 53 | 51 | 43 | 49 | 58 | 64 | 50 | 51 | 41 | 66 | 65 | 46 | 33 | 40 | 43 | 50 | 35 | 40 | 51 | 42 | 54 | 49 | 57 | 43 | 50 | 46.8 |
| | MIN | 30 | 20 | 18 | 20 | 20 | 23 | 33 | 33 | 39 | 40 | 46 | 29 | 37 | 29 | 30 | 39 | 41 | 25 | 18 | 22 | 38 | 29 | 18 | 20 | 33 | 34 | 41 | 44 | 31 | 30 | 32 | 30.4 |
| PEMBERTON 3 E | MAX | 41 | 37 | 37 | 47 | 41 | 52 | 53 | 50 | 51 | 52 | 66 | 58 | 54 | 45 | 57 | 68 | 59 | 40 | 38 | 46 | 49 | 45 | 43 | 52 | 51 | 54 | 51 | 60 | 49 | 54 | 60 | 50.3 |
| | MIN | 30 | 18 | 12 | 20 | 20 | 27 | 50 | 41 | 41 | 46 | 48 | 28 | 42 | 23 | 37 | 54 | 40 | 25 | 16 | 33 | 42 | 29 | 15 | 30 | 33 | 35 | 41 | 44 | 28 | 27 | 30 | 32.4 |
| SEABROOK FARMS | MAX | 47 | 40 | 33 | 33 | | 43 | 54 | 55 | 45 | 49 | 61 | 60 | 57 | 52 | 48 | 67 | 67 | 46 | 36 | 45 | 49 | 50 | 37 | 41 | 54 | 48 | 54 | 54 | 60 | 45 | 63 | 49.8 |
| | MIN | 32 | 21 | 16 | 21 | | 22 | 37 | 43 | 41 | 42 | 47 | 30 | 47 | 26 | 29 | 47 | 44 | 25 | 22 | 32 | 40 | 33 | 19 | 21 | 35 | 39 | 39 | 40 | 27 | 27 | 36 | 32.7 |

See Reference Notes Following Station Index

# DAILY TEMPERATURES

Continued

| Station | | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| SHILOH | MAX | 42 | 35 | 33 | 43 | 44 | 52 | 55 | 54 | 48 | 50 | 66 | 60 | 53 | 49 | 57 | 66 | 62 | 44 | 35 | 49 | 49 | 46 | 40 | 52 | 53 | 56 | 56 | 60 | 53 | 57 | 62 | 51.0 |
| | MIN | 32 | 20 | 17 | 23 | 22 | 28 | 48 | 42 | 41 | 45 | 49 | 32 | 47 | 31 | 41 | 54 | 44 | 25 | 22 | 34 | 43 | 32 | 19 | 33 | 36 | 37 | 44 | 42 | 27 | 33 | 35 | 34.8 |
| TOMS RIVER | MAX | 49 | 38 | 35 | 35 | 39 | 42 | 56 | 55 | 45 | 50 | 63 | 68 | 60 | 53 | 46 | 69 | 68 | 49 | 34 | 43 | 49 | 48 | 37 | 47 | 58 | 48 | 57 | 54 | 63 | 44 | 63 | 50.5 |
| | MIN | 33 | 19 | 13 | 22 | 23 | 24 | 41 | 42 | 42 | 40 | 47 | 27 | 44 | 25 | 26 | 45 | 44 | 26 | 19 | 21 | 37 | 32 | 16 | 18 | 37 | 34 | 42 | 42 | 32 | 29 | 37 | 31.6 |
| TRENTON WSO | MAX | 37 | 34 | 35 | 43 | 38 | 51 | 52 | 47 | 50 | 54 | 64 | 52 | 51 | 40 | 66 | 66 | 52 | 39 | 40 | 47 | 52 | 43 | 38 | 53 | 47 | 54 | 54 | 61 | 43 | 58 | 50 | 48.7 |
| | MIN | 26 | 22 | 23 | 28 | 24 | 31 | 47 | 42 | 42 | 47 | 43 | 36 | 40 | 36 | 39 | 52 | 39 | 26 | 25 | 39 | 43 | 27 | 22 | 38 | 38 | 41 | 46 | 42 | 34 | 38 | 25 | 35.5 |
| TUCKERTON | MAX | 42 | 37 | 37 | 47 | 41 | 51 | 54 | 51 | 51 | 50 | 68 | 60 | 55 | 45 | 56 | 68 | 60 | 42 | 40 | 53 | 50 | 45 | 42 | 55 | 55 | 58 | 56 | 65 | 50 | 52 | 63 | 51.6 |
| | MIN | 29 | 17 | 14 | 23 | 23 | 25 | 50 | 43 | 41 | 45 | 44 | 25 | 40 | 26 | 43 | 54 | 41 | 22 | 15 | 37 | 44 | 27 | 17 | 29 | 34 | 36 | 43 | 42 | 27 | 32 | 29 | 32.8 |
| WOODSTOWN | MAX | 43 | 35 | 34 | 39 | 43 | 53 | 54 | 54 | 50 | 52 | 66 | 56 | 53 | 48 | 59 | 68 | 58 | 44 | 40 | 48 | 51 | 50 | 38 | 53 | 53 | 56 | 54 | 60 | 48 | 58 | 62 | 51.0 |
| | MIN | 30 | 20 | 11 | 21 | 26 | 26 | 46 | 42 | 41 | 45 | 49 | 29 | 38 | 25 | 39 | 49 | 42 | 23 | 25 | 38 | 42 | 24 | 20 | 30 | 36 | 39 | 40 | 38 | 25 | 30 | 34 | 33.0 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | MAX | 37 | 34 | 35 | 44 | 42 | 53 | 55 | 48 | 50 | 53 | 67 | 56 | 55 | 52 | 60 | 67 | 54 | 40 | 47 | 53 | 51 | 40 | 47 | 56 | 54 | 58 | 56 | 67 | 48 | 62 | 62 | 51.7 |
| | MIN | 27 | 21 | 22 | 29 | 28 | 42 | 48 | 45 | 45 | 49 | 45 | 42 | 40 | 37 | 48 | 54 | 40 | 27 | 25 | 45 | 40 | 29 | 26 | 47 | 38 | 45 | 48 | 41 | 35 | 42 | 30 | 38.1 |
| CAPE MAY 1 NW | MAX | 50 | 40 | 34 | 34 | 45 | 45 | 53 | 55 | 47 | 53 | 58 | 64 | 58 | 52 | 51 | 65 | 66 | 58 | 37 | 45 | 54 | 51 | 38 | 49 | 56 | 48 | 58 | 60 | 62 | 48 | 62 | 51.5 |
| | MIN | 26 | 23 | 20 | 21 | 27 | 27 | 45 | 44 | 43 | 44 | 34 | 45 | 48 | 35 | 35 | 49 | 46 | 28 | 28 | 29 | 41 | 37 | 21 | 25 | 40 | 36 | 48 | 45 | 35 | 35 | 41 | 35.5 |
| LONG BRANCH 2 S | MAX | 39 | 35 | 37 | 44 | 37 | 49 | 52 | 48 | 49 | 51 | 66 | 57 | 53 | 42 | 51 | 69 | 57 | 40 | 35 | 46 | 50 | 46 | 39 | 58 | 53 | 54 | 52 | 62 | 46 | 54 | 59 | 49.4 |
| | MIN | 29 | 20 | 18 | 25 | 28 | 26 | 48 | 42 | 42 | 43 | 48 | 29 | 42 | 29 | 39 | 51 | 37 | 25 | 16 | 33 | 41 | 30 | 18 | 32 | 34 | 33 | 44 | 45 | 33 | 34 | 29 | 33.6 |
| SANDY HOOK | MAX | 41 | 36 | 36 | 44 | 40 | 48 | 53 | 48 | 48 | 53 | 60 | 52 | 51 | 48 | 50 | | | | | | | | | | | | | | | | | |
| | MIN | 27 | 23 | 24 | 34 | 29 | 33 | 38 | 41 | 40 | 45 | 48 | 38 | 47 | 34 | 37 | | | | | | | | | | | | | | | | | |

## SPECIAL WEATHER SUMMARY

New Jersey experienced its warmest December since 1956, and the second warmest since 1889. Readings ranged from the upper sixties to the low 'teens during the month. For most of the State, the only below normal temperatures reported were from the 1st to 6th, on the 18th and 19th, and on the 22d and 23d.

Precipitation was well below normal over all divisions of the State, and the only significant snowfall was the few inches reported over the northern half of the State on the 17th and 18th.

Donald V. Dunlap
Climatologist for New Jersey
Department of Meteorology
College of Agriculture & Environmental Science
Rutgers - The State University
New Brunswick, New Jersey 08903

# DAILY SOIL TEMPERATURES

| Station | Depth (IN) | Time | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW BRUNSWICK |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SUB-STA 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 0 | MAX | 47 | 43 | 40 | 44 | 41 | 44 | 50 | 48 | 49 | 53 | 55 | 50 | 50 | 47 | 49 | 56 | 53 | 46 | 42 | 46 | 50 | 46 | 43 | 47 | 46 | 48 | 49 | 52 | 48 | 46 | 46 | 47.5 |
|  |  | MIN | 43 | 40 | 37 | 38 | 37 | 39 | 44 | 47 | 47 | 49 | 48 | 45 | 45 | 44 | 46 | 49 | 46 | 42 | 39 | 42 | 45 | 40 | 38 | 43 | 43 | 45 | 47 | 48 | 43 | 43 | 40 | 43.3 |
|  | 2 | MAX | 47 | 44 | 40 | 43 | 42 | 44 | 50 | 48 | 49 | 52 | 54 | 49 | 50 | 48 | 49 | 55 | 53 | 46 | 43 | 46 | 49 | 46 | 42 | 47 | 46 | 48 | 49 | 51 | 48 | 46 | 46 | 47.4 |
|  |  | MIN | 44 | 40 | 38 | 40 | 39 | 39 | 44 | 47 | 47 | 49 | 49 | 46 | 46 | 45 | 47 | 49 | 46 | 43 | 40 | 43 | 46 | 41 | 38 | 42 | 43 | 45 | 47 | 48 | 44 | 44 | 41 | 43.9 |
|  | 4 | MAX | 48 | 46 | 41 | 43 | 42 | 44 | 49 | 49 | 49 | 52 | 54 | 50 | 50 | 48 | 49 | 54 | 53 | 48 | 42 | 46 | 49 | 47 | 43 | 46 | 46 | 48 | 49 | 51 | 48 | 46 | 46 | 47.6 |
|  |  | MIN | 45 | 41 | 40 | 40 | 40 | 40 | 44 | 48 | 47 | 49 | 50 | 47 | 47 | 45 | 47 | 49 | 46 | 42 | 40 | 42 | 46 | 42 | 41 | 43 | 43 | 45 | 47 | 48 | 45 | 45 | 42 | 44.4 |
|  | 8 | MAX | 50 | 48 | 44 | 44 | 44 | 45 | 49 | 49 | 49 | 50 | 52 | 50 | 50 | 50 | 49 | 53 | 53 | 50 | 47 | 47 | 49 | 49 | 45 | 47 | 47 | 48 | 49 | 50 | 48 | 47 | 46 | 48.3 |
|  |  | MIN | 48 | 44 | 43 | 43 | 42 | 42 | 45 | 48 | 48 | 49 | 50 | 49 | 49 | 48 | 48 | 49 | 50 | 47 | 45 | 46 | 47 | 45 | 44 | 45 | 45 | 46 | 47 | 48 | 47 | 46 | 45 | 46.4 |
|  | 20 | MAX | 54 | 54 | 49 | 48 | 48 | 49 | 49 | 50 | 50 | 50 | 51 | 51 | 51 | 51 | 51 | 52 | 53 | 52 | 51 | 50 | 50 | 51 | 49 | 49 | 49 | 49 | 50 | 50 | 49 | 49 | 48 | 50.2 |
|  |  | MIN | 52 | 49 | 48 | 48 | 47 | 47 | 47 | 48 | 49 | 50 | 50 | 51 | 51 | 51 | 49 | 51 | 52 | 51 | 50 | 49 | 49 | 49 | 48 | 48 | 49 | 48 | 49 | 49 | 48 | 48 | 48 | 49.1 |
|  | 40 | MAX | 57 | 57 | 54 | 53 | 53 | 53 | 52 | 52 | 52 | 52 | 53 | 53 | 53 | 54 | 53 | 54 | 54 | 54 | 54 | 54 | 53 | 53 | 53 | 52 | 52 | 52 | 52 | 52 | 51 | 51 | 50 | 53.0 |
|  |  | MIN | 55 | 54 | 53 | 53 | 52 | 51 | 51 | 51 | 51 | 52 | 52 | 52 | 52 | 52 | 52 | 53 | 52 | 53 | 53 | 53 | 52 | 52 | 52 | 51 | 51 | 51 | 51 | 51 | 50 | 50 | 50 | 51.9 |
| SUB-STA 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1 | MAX | 43 | 40 | 35 | 36 | 36 | 36 | 48 | 46 | 50 | 58 | 59 | 50 | 50 | 44 | 50 | 60 | 51 | 39 | 37 | 42 | 52 | 39 | 37 | 47 | 46 | 51 | 50 | 56 | 46 | 47 | 45 | 46.0 |
|  |  | MIN | 38 | 35 | 33 | 34 | 32 | 35 | 36 | 45 | 44 | 48 | 41 | 38 | 38 | 38 | 42 | 50 | 38 | 37 | 34 | 37 | 39 | 37 | 34 | 36 | 38 | 43 | 46 | 44 | 37 | 37 | 36 | 38.7 |
|  | 2 | MAX | 43 | 40 | 36 | 36 | 36 | 37 | 48 | 45 | 49 | 56 | 57 | 49 | 50 | 43 | 49 | 58 | 52 | 40 | 38 | 42 | 51 | 40 | 38 | 46 | 45 | 50 | 49 | 54 | 45 | 46 | 45 | 45.6 |
|  |  | MIN | 39 | 36 | 35 | 36 | 34 | 35 | 37 | 45 | 44 | 48 | 43 | 40 | 39 | 40 | 43 | 49 | 39 | 38 | 35 | 37 | 40 | 37 | 36 | 37 | 39 | 43 | 46 | 45 | 39 | 38 | 37 | 39.6 |
|  | 4 | MAX | 44 | 43 | 38 | 38 | 38 | 38 | 46 | 45 | 48 | 53 | 55 | 48 | 49 | 44 | 48 | 56 | 52 | 42 | 41 | 41 | 48 | 43 | 40 | 45 | 44 | 47 | 48 | 52 | 47 | 45 | 45 | 45.5 |
|  |  | MIN | 41 | 38 | 37 | 37 | 37 | 37 | 38 | 45 | 45 | 47 | 47 | 43 | 43 | 41 | 44 | 48 | 42 | 41 | 39 | 39 | 41 | 40 | 38 | 38 | 40 | 42 | 46 | 47 | 41 | 40 | 39 | 41.3 |
|  | 8 | MAX | 48 | 46 | 41 | 41 | 40 | 41 | 45 | 46 | 46 | 50 | 52 | 50 | 48 | 48 | 47 | 53 | 53 | 46 | 45 | 42 | 47 | 45 | 43 | 44 | 44 | 45 | 48 | 49 | 48 | 44 | 45 | 46.1 |
|  |  | MIN | 45 | 41 | 41 | 40 | 39 | 39 | 40 | 45 | 45 | 46 | 50 | 47 | 46 | 45 | 45 | 47 | 46 | 44 | 42 | 41 | 42 | 43 | 41 | 41 | 43 | 43 | 45 | 48 | 44 | 43 | 42 | 43.5 |

MAX AND MIN TEMPERATURES ARE FOR THE 24-HOUR PERIOD ENDING AT MIDNIGHT.

| | |
|---|---|
| SUB-STA 1 | : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLES CONNECTED TO A BROWN ELECTRONIK POTENTIOMETER. |
| SUB-STA 2 | : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN. INSTRUMENTATION: BROWN RECORDING POTENTIOMETER WITH COPPER-CONSTANTAN THERMOCOUPLES. |

# SUPPLEMENTAL DATA

|  | Wind (Speed — m.p.h.) |  |  |  |  |  | Relative humidity averages-percent |  |  |  | Number of days with precipitation |  |  |  |  |  |  | Percent of Possible sunshine | Average sky cover sunrise to sunset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | Resultant Direction | Resultant Speed | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | Standard of Time EASTERN 01 | 07 | 13 | 19 | Trace | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | 2.00 and over | Total |  |  |
| ATLANTIC CITY WSO | 28 | 4.5 | 11.4 | 32++ | 29 | 18 | 75 | 78 | 61 | 72 | 7 | 3 | 2 | 0 | 1 | 0 | 13 | 28 | 7.0 |
| ATLANTIC CITY | - | - | - | 33 | SW | 11 | - | - | - | - | 0 | 4 | 1 | 1 | 0 | 1 | 7 | - | - |
| NEWARK WSO | 29 | 4.3 | 9.7 | 28++ | 29 | 18 | 72 | 75 | 61 | 65 | 6 | 6 | 1 | 2 | 0 | 0 | 15 | - | 6.7 |
| TRENTON WSO | - | - | - | 36 | NW | 18 | - | - | - | - | 5 | 6 | 3 | 1 | 0 | 0 | 15 | 45 | 6.6 |

# SNOWFALL AND SNOW ON GROUND

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| * * *<br>NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | SNOWFALL | | | | | T | .3 | | | | | | | | | | | | 2.0 | | T | | | | | | | | | | | |
| | SN ON GND | | | | | | T | | | | | | | | | | | | 2 | 1 | T | | | | | | | | | | | |
| CHARLOTTEBURG | SNOWFALL | | | | | | T | | | | | | | | | | | | T | | | | | | | | | | | | T | |
| | SN ON GND | | | | | | T | | | | | | | | | | | | T | | | | | | | | | | | | T | |
| FLEMINGTON 1 NE | SNOWFALL | | | | | | T | | | | | | | | | | | | .6 | T | | | | | | | | | | | | |
| | SN ON GND | | | | | | T | | | | | | | | | | | | 1 | 1 | T | | | | | | | | | | | |
| LAMBERTVILLE | SNOWFALL | | | | | | T | | | | | | | | T | T | | | .5 | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | T | | | | | | | | | | | | | |
| LITTLE FALLS | SNOWFALL | | | | | | .1 | | | | | | | | | | | | T | | | | | | | | | | | | | |
| | SN ON GND | | | | | | T | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG VALLEY | SNOWFALL | | | | | | T | | | | | | | | | | | | 2.0 | T | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | 2 | T | | | | | | | | | | | | |
| MORRIS PLAINS 1 W | SNOWFALL | | | | | | T | | | | | | | | | T | | | .5 | T | T | T | | | | | | | | | | T |
| | SN ON GND | | | | | | T | | | | | | | | | | | | 1 | T | T | | | | | | | | | | | |
| NEWARK WSO | SNOWFALL | | | | | | .2 | | | | | | | | T | | | | .2 | T | T | | | | | | | | | | T | T |
| | SN ON GND | | | | | | T | | | | | | | | | | | | T | | | | | | | | | | | | | |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWTON | SNOWFALL | | | | | | .3 | | | | | | | | | T | | | T | | T | | | | | | | | | | T | |
| | SN ON GND | | | | | | T | | | | | | | | | | | | T | | T | | | | | | | | | | T | |
| PATERSON | SNOWFALL | | | | | | T | | | | | | | | T | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLAINFIELD | SNOWFALL | | | | | | T | | | | | | | | T | | | | .5 | T | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAHWAY | SNOWFALL | | | | | | T | | | | | | | | | | | | T | | | | | | | | | | | | | |
| | SN ON GND | | | | | | T | | | | | | | | | | | | T | | | | | | | | | | | | | |
| SOMERVILLE 3 NW | SNOWFALL | | | | | | T | | | | | | | | | | | | 3.0 | | | | | | | | | | | | | |
| | SN ON GND | | | | | | T | | | | | | | | | | | | 3 | 2 | 1 | | | | | | | | | | | |
| WANAQUE RAYMOND DAM | SNOWFALL | | | | | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SN ON GND | | | | | | T | | | | | | | | | | | | | | | | | | | | | | | | | |
| * * *<br>SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | SNOWFALL | | | | | | | | | | | | | | | | | | .1 | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | T | | | | | | | | | | | | | |
| | WTR EQUIV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | SNOWFALL | | | | | | | | | | | | | | | | | | 1.0 | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | SNOWFALL | | | | | | T | | | | | | | | | | | | 1.0 | T | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | T | T | | | | | | | | | | | | |
| INDIAN MILLS 2 W | SNOWFALL | | | | | | | | | | | | | | | | | | - | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | - | | | | | | | | | | | | | |
| MAYS LANDING 1 W | SNOWFALL | | | | | | | | | | | | | | | | | | .3 | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | T | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | SNOWFALL | | | | | | | | | | | | | | | | | | T | T | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | T | | | | | | | | | | | | | |
| MOORESTOWN | SNOWFALL | | | | | | | | | | | | | | | | | | T | | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK | SNOWFALL | | | | | | .1 | | | | | | | | | T | | | .6 | | | | | | | | | | | | | |
| | SN ON GND | | | | | | T | | | | | | | | | | | | 1 | T | | | | | | | | | | | | |
| TRENTON WSO | SNOWFALL | | | | | | T | | | | | | | | | | | | .5 | T | | | | | | | | | | | | |
| | SN ON GND | | | | | | | | | | | | | | | | | | T | T | | | | | | | | | | | | |
| * * *<br>COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH 2 S | SNOWFALL | | | | | | | | | | | | | | | | | | 1.5 | | | | | | | | | | | | T | |
| | SN ON GND | | | | | | | | | | | | | | | | | | T | T | | | | | | | | | | | | |

# LATE REPORTS
## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

NEW JERSEY

| Station | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | No. of Days | | | | | | | | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max. | | Min. | | | | | | | | | | | |
| | Average Maximum | Average Minimum | Average | Departure From Normal | Highest | Date | Lowest | Date | Degree Days | 90° or Above | 32° or Below | 32° or Below | 0° or Below | Total | Departure From Normal | Greatest Day | Date | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| JUNE 1971 | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | 80.3 | 59.1 | 69.7 | - .5 | 91 | 26 | 48 | 2 | 27 | 3 | 0 | 0 | 0 | 1.97 | - 1.71 | 1.07 | 14 | .0 | 0 | | 4 | 1 | 1 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| AUGUST 1971 | | | | | | | | | | | | | | | | | | | | | | | |
| WOODSTOWN | 85.4M | 61.2M | 73.3M | | 92 | 10+ | 45 | 24 | 4 | 6 | 0 | 0 | 0 | 10.99 | | 4.93 | 27 | .0 | 0 | | 6 | 5 | 4 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| SEPTEMBER 1971 | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | 76.9M | 60.4M | 68.7M | 2.2 | 90 | 10+ | 40 | 25 | 38 | 2 | 0 | 0 | 0 | 10.35 | 6.57 | 3.81 | 12 | .0 | 0 | | 8 | 5 | 2 |
| WOODSTOWN | 79.4 | 61.5 | 70.5 | | | | | | 26 | 1 | 0 | 0 | 0 | 6.20 | | 2.88 | 13 | .0 | 0 | | 9 | 3 | 2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | |
| OCTOBER 1971 | | | | | | | | | | | | | | | | | | | | | | | |
| WOODSTOWN | 71.0M | 55.4M | 63.2M | | | | | | 89 | 0 | 0 | 0 | 0 | 5.64 | | 1.73 | 10 | .0 | 0 | | 8 | 3 | 3 |

## DAILY PRECIPITATION

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JUNE 1971 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | 1.97 | .07 | T | .27 | | .05 | | .05 | | | | | | T | 1.07 | T | .12 | | | | | | .02 | | | | | | | .32 | | | . |
| PRINCETON WATER WORKS | .28 | | | .05 | T | | .02 | .01 | | | | | T | .02 | .02 | .16 | | | | | | T | | | | | | | | | | | . |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AUGUST 1971 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WOODSTOWN | 10.99 | 1.12 | | | .58 | 1.15 | | | | | | .06 | .31 | | | | | | | T | | | | | | | | 4.93 | 2.84 | | | | . |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEPTEMBER 1971 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | 10.35 | | | | | | | .03 | .90 | | | T | 3.81 | 3.29 | .17 | .57 | | | .12 | .92 | .02 | .48 | .01 | | T | | | .03 | | | | | . |
| WOODSTOWN | 6.20 | | | | | | | | | | | .61 | 1.50 | 2.88 | .17 | .20 | | .02 | .40 | .18 | | .02 | | .01 | | | .10 | .11 | T | | | | . |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OCTOBER 1971 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BASS RIVER ST FOREST | 4.88 | | * | .71 | | | .21 | | | | * | 1.29 | | | T | | | | | | | | | | | 2.27 | .40 | | | | | | . |
| WOODSTOWN | 5.64 | T | .26 | .12 | | | .34 | | | | 1.73 | .16 | | | | | | | | | | | | | 1.32 | .02 | 1.58 | | | | | .11 | . |

See Reference Notes Following Station Index

## LATE REPORTS
# DAILY TEMPERATURES

NEW JERSEY

| Station | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JUNE 1971 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | MAX | 68 | 72 | 72 | 82 | 85 | 79 | 78 | 90 | 89 | 79 | 79 | 74 | 85 | 86 | 63 | 60 | 72 | 81 | 83 | 81 | 85 | 86 | 86 | 82 | 89 | 91 | 90 | 88 | 76 | 77 | | 80.3 |
| | MIN | 51 | 48 | 58 | 62 | 60 | 60 | 60 | 67 | 63 | 56 | 52 | 58 | 65 | 60 | 55 | 53 | 51 | 50 | 49 | 61 | 61 | 66 | 62 | 62 | 65 | 68 | 60 | 67 | 59 | 65 | | 59.1 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AUGUST 1971 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WOODSTOWN | MAX | 88 | 86 | 88 | 84 | 80 | 84 | 87 | 91 | 92 | 92 | 90 | 79 | 84 | 87 | 90 | 89 | 88 | 85 | 86 | 88 | 91 | 86 | 82 | 76 | 82 | 80 | 74 | | | 85 | 83 | 85.4 |
| | MIN | 70 | 66 | 69 | 68 | 60 | 55 | 59 | 58 | 66 | 66 | 74 | 61 | 49 | 55 | 55 | 58 | 62 | 55 | 65 | 70 | 67 | 67 | 65 | 45 | 47 | 53 | 67 | | | 60 | 64 | 61.2 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEPTEMBER 1971 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | MAX | 72 | 77 | 77 | 81 | 85 | 88 | 90 | 84 | 85 | 90 | 74 | 75 | 83 | 74 | 79 | 82 | 86 | 77 | 76 | 68 | 76 | 72 | 69 | 68 | 67 | 65 | 61 | | 72 | 78 | | 76.9 |
| | MIN | 50 | 51 | 50 | 63 | 64 | 70 | 66 | 66 | 68 | 70 | 68 | 67 | 66 | 63 | 64 | 60 | 67 | 67 | 61 | 61 | 61 | 52 | 57 | 58 | 40 | 50 | 56 | | 59 | 57 | | 60.4 |
| WOODSTOWN | MAX | 77 | 76 | 82 | 85 | 88 | 88 | 86 | 87 | 90 | 88 | 84 | 84 | 77 | 78 | 85 | 86 | 82 | 81 | 77 | 84 | 80 | 73 | 69 | 68 | 68 | 62 | 68 | 75 | 79 | 76 | | 79.4 |
| | MIN | 57 | 58 | 60 | 62 | 64 | 67 | 62 | 66 | 67 | 66 | 69 | 70 | 67 | 60 | 65 | 62 | 64 | 65 | 66 | 64 | 64 | 51 | 62 | 58 | 39 | 51 | 57 | 64 | 59 | 59 | | 61.5 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OCTOBER 1971 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WOODSTOWN | MAX | 72 | 77 | 77 | 73 | 72 | 76 | 71 | 65 | 70 | 66 | 65 | | | 78 | | | | 63 | 74 | 62 | 71 | 71 | 71 | 68 | 67 | 71 | 70 | 78 | 77 | 73 | 69 | 71.0 |
| | MIN | 62 | 66 | 64 | 59 | 60 | 64 | 49 | 40 | 45 | 59 | 47 | | | 62 | | | | 49 | 44 | 54 | 49 | 50 | 55 | 59 | 60 | 61 | 56 | 62 | 53 | 52 | 59 | 55.4 |

See Reference Notes Following Station Index

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | DRAINAGE ‡ | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES |  |  |  | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  | TEMP. | PRECIP. | EVAP. | SPECIAL SEE NOTES |  |
| ALLENDALE | 0130 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 |  |  |  | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WSO | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | MID | MID |  | C NJ | NATL WEATHER SERVICE |
| *ATLANTIC CITY R | 0325 | 02 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | MID | MID |  | J | STATE MARINA |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 11P | 11P |  |  | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 |  | 9A |  | N | N.J. FORESTRY SERVICE |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P |  |  | BELLEPLAIN STATE FOREST |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 7A | 7A |  | H | CLEMENT HAURT |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 |  | 7A |  |  | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 |  | 7A |  |  | N BRUNSWICK WATER PLT |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A |  |  | JERSEY CITY WATER WORKS |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 |  | 8A |  |  | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 |  | 7A |  |  | ALBERT H. DAVENPORT |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 6P | 6P |  |  | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 |  | 8A |  |  | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 8A | 8A | 9A |  | COMMONWEALTH WATER CO. |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 |  | 9A |  |  | GERTRUDE S. WILLIS |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 8A | 8A |  | C | JONATHAN SAYRE |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 |  |  |  | C | C W THORNTHWAITE ASSOC |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 7A | 7A |  | H | NEWARK WATER DEPT. |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P |  |  | EARL N. KERCHNER |
| CLINTON 2 N | 1754 | 01 | HUNTERDON | 10 | 40 40 | 74 55 | 350 |  |  |  | C | NJ BUREAU OF WTR SUPPLY |
| CRANFORD | 202 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | 5P | 5P |  |  | UNION COLLEGE |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 8A | 8A |  | C | BOROUGH ESSEX FELLS |
| FLEMINGTON 1 NE | 302 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 7A | 7A |  | N | DONALD YOUNG |
| FORTESCUE | 3132 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 |  | 7A |  |  | JOHN LOPER |
| FREEHOLD | 3181 | 02 | MONMOUTH | 1 | 40 16 | 74 15 | 194 | 8A | 8A |  | C H | MRS JANE EKDAHL |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 8A | 8A |  | C | GLASSBORO STATE COLLEGE |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 |  | 7A |  |  | GEORGE T. WIGGINS |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A |  |  | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 8A | 8A |  |  | N J DEPT OF CORRECTION |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P |  | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P |  | H | EDWARD ENTWISTLE |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | MID | MID |  |  | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 6P | 6P |  | H | E. E. CASE |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 8A | 8A |  |  | INACTIVE 9/1/70 |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A |  | C N | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 6P | 6P |  | N | WILBUR P. LAFAYE |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 7A | 7A |  | H | MRS. ALICE A. HOLZ |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 |  | 7A |  |  | ROBERT G. GLASGOW |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 |  |  |  | C | DAVID D. GRISCOM |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 |  | 9A |  | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 |  | MID |  |  | RIDGEWOOD WATER CO. |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | MID | MID |  | N | FED. AVIATION AGENCY |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 |  | 7A |  |  | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | 8A | 8A |  | N | US DEPT OF AGRICULTURE |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 8A | 8A |  | N | JOSEPH H. GARRIS, III |
| MOUNT HOLLY | 5866 | 02 | BURLINGTON | 2 | 39 59 | 74 48 | 10 |  |  |  | C | J. WESLEY GOODFELLOW |
| NEWARK WSO R | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID |  | C NJ | NATL WEATHER SERVICE |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 8A | 8A | 8A | C GN | RUTGERS UNIVERSITY |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 |  | MID |  | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A |  | C N | NEWTON WTR. & SWR.COMM. |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 |  | 8A |  |  | NEWARK WATER DEPT. |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8P | 8P |  | N | ROBERT DEL VECCHIO |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | N | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 7A | 7A |  | N | TOWN OF PHILLIPSBURG |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 8P | 8P |  | N | MRS VIVIAN SCHERER |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 |  | 8A |  |  | MRS MARION GOODENOUGH |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 |  | MID |  |  | PRINCETON WATER CO. |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 |  | MID |  | C N | RAHWAY VALLEY SEW AUTH |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 |  | 10A |  |  | NO. JERSEY WTR. SUPPLY |
| SANDY HOOK | 7865 | 02 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | 4P | 4P |  |  | U.S. DEPT. OF INTERIOR |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 8A | 8A | 8A | H | SEABROOK FARMS CO. |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P |  |  | EVERETT DICKINSON |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 7A | 7A |  | H | STANLEY RICHARDS |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 |  | 10A |  |  | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 |  |  |  | C | UNION COUNTY ENGINEER |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 7A | 7A |  |  | MRS. WILDA HILLARD |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 9A | 9A |  |  | TOMS RIVER WATER CO. |
| *TRENTON WSO R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID |  | C HJ | NATL WEATHER SERVICE |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 7P | 7P |  |  | LAWERENCE FASANO, JR. |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 |  | 8A |  | C N | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 |  |  |  | C | UNION COUNTY ENGINEER |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 |  | 7A |  |  | ROBERT N. MANNERS |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 |  | 7A |  |  | N.J. POWER & LIGHT CO. |
| WINDSOR | 9761 | 02 | MERCER | 2 | 40 15 | 74 35 | 88 |  |  |  | C | JACOBUS J. HOOIMAN |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 |  | MID |  | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P |  |  | CREAM VALLEY DAIRY |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN 11-ROCKAWAY

# REFERENCE NOTES

NEW JERSEY
DECEMBER 1971

Additional information regarding the climate of New Jersey may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., e.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 1:00 p.m., e.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| - | No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.<br>No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry. |
| + | And also on an earlier date or dates. |
| ++ | Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data. |
| * | Amount included in following measurement, time distribution unknown. |
| // | Gage is equipped with a windshield. |
| B | Adjusted to a full month. |
| D | Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall. |
| M | One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month. |
| R | Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.) |
| T | Trace, an amount too small to measure. |
| V | Includes total for previous month. |

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| AR | This entry in time of observation column in Station Index means after rain. |
| C | Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin. |
| G | "Soil Temperature" table. |
| H | "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month. |
| J | "Supplemental Data" table. |
| S | Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin. |
| SS | This entry in time of observation column in Station Index means observation made near sunset. |
| VAR | This entry in time of observation column in Station Index means variable. |
| # | Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building. |

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

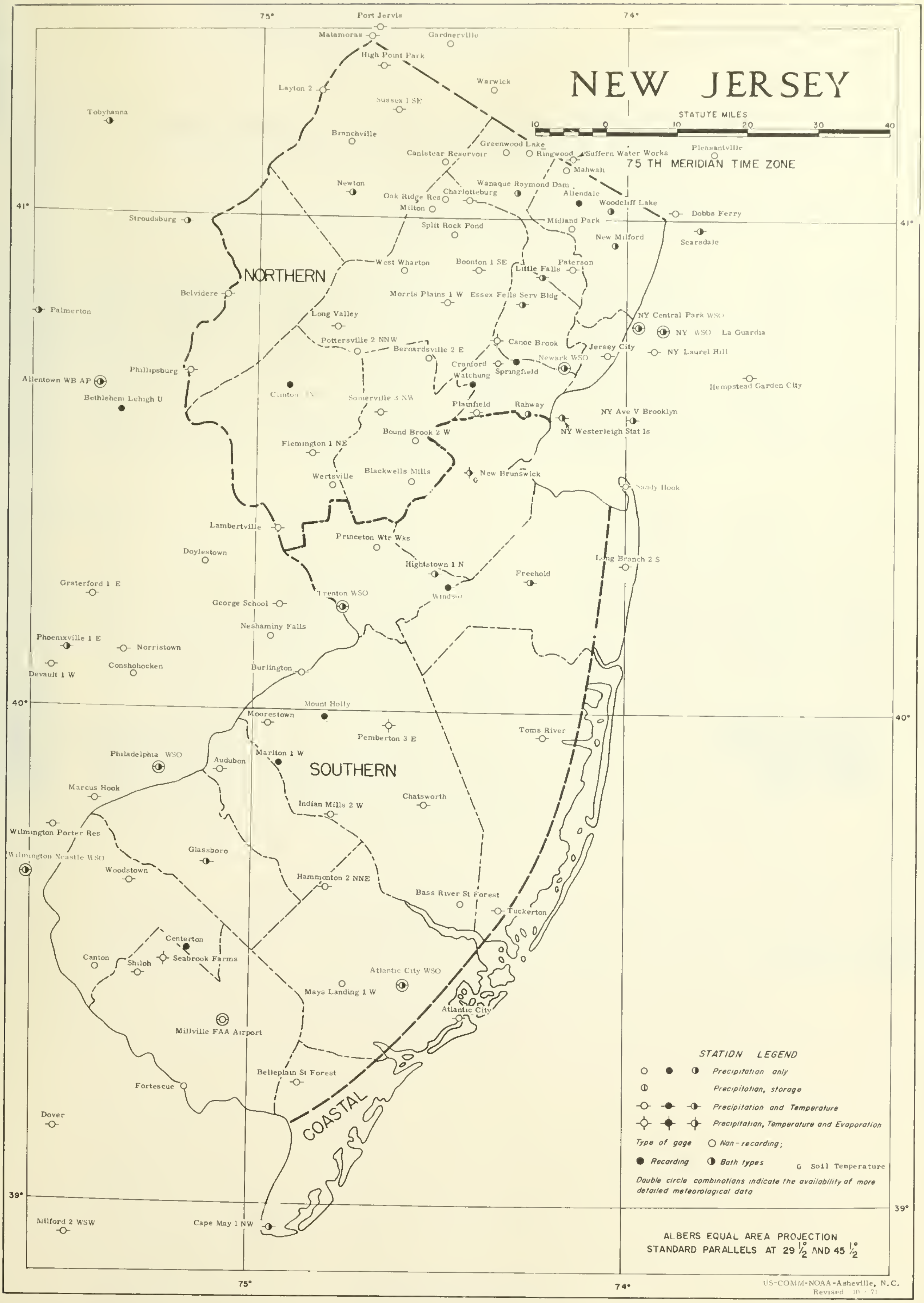
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 15 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 2/15/72-920



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# CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NEW JERSEY
ANNUAL SUMMARY 1971
Volume 76 No. 13

Table I

## AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

| Station | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | | Annual | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 22.5 | - 7.4 | 29.4 | - 1.9 | 36.4 | - 2.9 | 46.6 | - 4.5 | 55.3 | - 6.9 | 68.8 | - 1.8 | 70.4 | - 4.7 | 69.4 | - 3.5 | 66.3 | .3 | 58.2 | 3.3 | 41.0 | - 1.8 | 36.3 | 4.4 | 50.1 | - 2.2 |
| BOONTON 1 SE | 24.4 | - 4.5 | 30.3M | .8 | 38.3 | 1.0 | 48.5 | - .5 | 56.8 | - 2.3 | 68.8 | .9 | 71.3 | - 1.5 | 70.1 | - .7 | 66.3 | 2.8 | 57.6 | 4.3 | 40.9 | - 1.6 | 36.3 | 4.8 | 50.8M | .3 |
| CANOE BROOK | 23.2 | - 5.8 | 29.3 | - .3 | 37.0 | - .6 | 46.3 | - 2.4 | 55.6 | - 3.3 | 68.9 | .9 | 72.0 | - 1.0 | 70.5 | - .6 | 67.2 | 3.0 | 57.9M | 4.2 | 41.0 | - 2.0 | 35.9 | 4.7 | 50.4M | - .3 |
| CHARLOTTEBURG | 21.3 | - 7.3 | 26.3 | - 2.8 | 33.7 | - 2.9 | 43.9 | - 4.1 | 53.4 | - 5.0 | 66.7 | .2 | 69.3 | - 1.6 | 67.9 | - 1.3 | 64.9 | 2.5 | 56.3 | 4.0 | 39.7 | - 2.3 | 34.8 | 4.0 | 48.2 | - 1.4 |
| CRANFORD | 27.1 | | 33.9 | | 39.9 | | 49.9 | | 58.5 | | 71.9 | | 74.1 | | 72.7 | | 69.5 | | 60.9 | | 43.4 | | 40.3 | | 53.5 | |
| ESSEX FELLS SERV BLDG | 23.9 | | 30.4 | | 36.7 | | 47.2 | | 56.3 | | 68.2 | | 72.6 | | 70.7 | | 66.9 | | 58.6 | | 41.0 | | 37.1 | | 50.8 | |
| FLEMINGTON 1 NE | 23.3 | - 8.2 | 29.3 | - 3.[illegible] | 36.4 | - 3.7 | 46.6 | - 4.6 | 55.3M | - 6.5 | 69.1 | - 1.5 | 71.6 | - 3.8 | 69.8 | - 3.6 | 67.1 | .5 | 58.2 | 2.4 | 40.9 | - 3.4 | 36.8 | 3.5 | 50.4M | - 2.6 |
| HIGH POINT PARK | 18.8 | | 20.6 | | 30.2 | | 44.4 | | M | | 66.0 | | 69.4 | | 66.9M | | 63.6 | | 57.1 | | 37.3 | | 31.7M | | - | |
| JERSEY CITY | 27.5 | - 5.0 | 34.8 | 2.1 | 39.3 | - .5 | 49.5 | - 1.0 | 59.3 | - 1.9 | 71.2 | 1.1 | 75.5 | .2 | 74.6 | .8 | 70.0 | 3.1 | 62.3 | 5.6 | 44.8 | - .9 | 40.4 | 5.6 | 54.1 | .8 |
| LAMBERTVILLE | 26.8 | - 4.9 | 34.1 | 1.6 | 38.8 | - 1.0 | 49.3 | - 1.8 | 59.0 | - 2.6 | 72.2 | 2.1 | 74.6 | - .2 | 72.7 | - .3 | 69.8 | 3.6 | 61.5 | 6.0 | 43.8 | - .6 | 39.6 | 5.9 | 53.5 | .6 |
| LITTLE FALLS | 25.6 | - 5.5 | 31.6 | - .1 | 38.4 | - .9 | 48.3 | - 2.4 | 57.6 | - 3.6 | 70.9 | 1.2 | 73.6 | - 1.2 | 72.3 | - .5 | 68.6 | 2.8 | 59.7 | 4.3 | 43.2 | - 1.4 | 37.9 | 4.3 | 52.3 | - .3 |
| LONG VALLEY | 22.4 | | 28.5 | | 35.1 | | 44.9 | | 54.2 | | 67.5 | | 69.8 | | 68.0 | | 64.8 | | 56.8 | | 40.1 | | 36.3 | | 49.0 | |
| MORRIS PLAINS 1 W | 23.5 | | 29.3 | | 36.8 | | 46.5 | | 55.7 | | 68.6 | | 71.3 | | 70.0 | | 66.4 | | 57.8 | | 41.0 | | 36.4 | | 50.3 | |
| NEWARK WSO | 27.3 | - 5.0 | 35.2 | 2.5 | 41.2 | .7 | 51.4 | .1 | 60.6 | - 1.4 | 74.8 | 3.5 | 77.8 | 1.5 | 76.0 | 1.6 | 71.8 | 4.5 | 63.2 | 6.6 | 46.2 | .8 | 41.4 | 6.7 | 55.6 | 1.9 |
| NEWTON | 19.9 | - 7.6 | 26.7 | - 1.4 | 34.8 | - 1.6 | 45.6 | - 2.7 | 54.8 | - 4.2 | 68.1 | .7 | 70.3 | - 1.9 | 68.4 | - 1.7 | 65.3 | 2.3 | 54.9 | 2.4 | 39.2M | - 2.0 | 34.2 | 4.5 | 48.5M | - 1.1 |
| PATERSON | 26.3 | - 5.3 | 32.4 | .3 | 39.6 | .1 | 50.0 | - 1.1 | 59.1 | - 2.8 | 72.2M | 1.5 | 75.5M | - .2 | 73.1 | - .5 | 69.6 | 3.2 | 61.1 | 5.0 | 43.8 | - 1.3 | 39.8 | 5.7 | 53.5M | .3 |
| PHILLIPSBURG | 24.1 | - 6.4 | 29.8 | - 1.6 | 37.7 | - 1.5 | 47.6 | - 3.1 | 56.1 | - 5.3 | 70.0 | .0 | 72.1 | - 2.2 | 69.9 | - 2.5 | 65.1M | - .4 | 56.5 | 2.0 | 39.8 | - 3.6 | 35.3 | 2.6 | 50.3M | - 1.9 |
| PLAINFIELD | 26.2 | - 5.7 | 33.6 | 1.1 | 39.2 | - .7 | 49.2 | - 1.7 | 58.4 | - 2.8 | 71.6 | 1.7 | 73.9 | - 1.0 | 72.8 | - .3 | 69.2 | 3.0 | 60.8 | 4.9 | 43.3 | - 1.5 | 39.5 | 5.5 | 53.1 | .2 |
| SOMERVILLE 3 NW | 23.9 | - 7.4 | 29.9 | - 2.1 | 37.1 | - 2.4 | 47.1 | - 3.5 | 56.0 | - 5.1 | 69.2 | - .6 | 72.0 | - 2.6 | 70.8 | - 2.0 | 67.4 | 1.4 | 58.6 | 3.3 | 41.1 | - 2.8 | 36.9 | 3.8 | 50.8 | - 1.7 |
| SUSSEX 1 SE | 17.3 | -10.4 | 24.0M | - 4.9 | 32.3 | - 4.7 | 44.1 | - 5.0 | 53.8 | - 6.1 | 67.0 | - 1.5 | 69.4 | - 3.5 | 68.0 | - 2.8 | 65.2 | 1.7 | 55.9M | 2.7 | 39.1 | - 2.9 | 33.8 | 3.6 | 47.5M | - 2.8 |
| DIVISION | 23.8 | - 6.4 | 30.0 | - .9 | 36.9 | - 1.7 | 47.3 | - 2.7 | 56.6 | - 3.9 | 69.6 | .4 | 72.3 | - 1.7 | 70.7 | - 1.4 | 67.3 | 2.3 | 58.7 | 4.2 | 41.5 | - 2.0 | 37.0 | 4.6 | 51.0 | - .7 |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 28.8 | - 6.0 | 35.7 | 1.0 | 39.0 | - 2.1 | 47.6 | - 3.4 | 57.6 | - 3.7 | 69.7 | - .3 | 72.0 | - 3.1 | 70.4 | - 3.3 | 67.5 | .3 | 60.7 | 3.5 | 44.5 | - 2.2 | 41.1 | 4.5 | 52.9 | - 1.2 |
| AUDUBON | 28.6 | | 36.7 | | 42.0 | | 52.1 | | 60.8 | | 73.7 | | 76.5 | | 74.0 | | 71.3 | | 63.1 | | 46.4 | | 42.3 | | 55.6 | |
| BELLEPLAIN ST FOREST | 29.7 | | M | | 41.0 | | 50.9 | | 59.8M | | 71.9M | | 75.1 | | 73.0 | | 70.1 | | 63.0 | | 45.8 | | 43.7 | | - | |
| BURLINGTON | 28.5M | - 5.7 | 36.5M | 1.4 | M | | 51.0M | - 2.3 | 61.7 | - 2.5 | 74.1M | 1.3 | M | | 74.9M | - .6 | 71.5M | 2.7 | 63.0M | 5.0 | 46.5M | - .1 | 43.3M | 7.3 | - | |
| CHATSWORTH | 27.7M | | 35.7 | | 40.1M | | 49.0M | | 59.2 | | 71.8M | | 74.2 | | 73.2 | | 69.7 | | 62.6 | | 45.1M | | 42.8M | | 54.3M | |
| FREEHOLD | 26.4 | - 6.3 | 32.7 | - .3 | 38.6 | - 1.4 | 47.4 | - 3.4 | 57.5 | - 4.1 | 69.7 | - .5 | 73.0 | - 1.9 | 71.9 | - 1.2 | 68.7M | 2.2 | 60.2 | 4.1 | 43.8 | - 1.7 | 39.7 | 5.0 | 52.5M | - .8 |
| GLASSBORO | 27.8 | | 34.4 | | 40.0 | | 49.9 | | 59.2 | | 72.3 | | 75.6 | | 73.6 | | 69.7 | | 61.4 | | 45.5 | | 40.8 | | 54.2 | |
| HAMMONTON 2 NNE | 28.1 | - 6.1 | 34.2 | - .3 | 40.1 | - 1.8 | 49.7 | - 2.6 | 59.2 | - 3.5 | 70.8 | - .8 | 74.2 | - 1.9 | 72.6 | - 1.6 | 67.9 | .2 | 60.7 | 3.5 | 44.6 | - 2.1 | 39.7 | 2.6 | 53.5 | - 1.2 |
| HIGHTSTOWN 1 N | 27.2 | - 5.2 | 34.7 | 1.8 | 39.7 | - .5 | 49.1 | - 1.8 | 58.4 | - 3.0 | 71.4 | 1.5 | 74.1 | - .7 | 72.1 | - .8 | 69.0 | 2.8 | 61.1 | 5.2 | 44.2 | - 1.0 | 40.6 | 6.3 | 53.5 | .4 |
| INDIAN MILLS 2 W | 27.3 | - 6.0 | 34.9 | 1.1 | 39.6 | - 1.1 | 48.8 | - 2.6 | 58.1 | - 3.9 | 71.5 | 1.3 | 73.6 | - 1.1 | 72.2 | - .7 | 68.8 | 2.5 | 61.6 | 5.7 | 44.2 | - 1.0 | 40.8 | 6.0 | 53.5 | .1 |
| MILLVILLE FAA AIRPORT | 28.3 | | 35.4 | | 39.8 | | 49.6 | | 59.3 | | 72.4 | | 75.0 | | 73.5 | | 70.1 | | 62.7 | | 45.3 | | 41.9 | | 54.4 | |
| MOORESTOWN | 27.8 | - 5.2 | 35.0 | 1.4 | 40.3 | - .4 | 49.5 | - 1.9 | 58.6 | - 3.1 | 72.0 | 1.8 | 75.1 | .0 | 73.5 | .4 | 69.0M | 2.6 | 61.2 | 5.3 | 44.0M | - 1.0 | 39.7 | 4.9 | 53.8M | .4 |
| NEW BRUNSWICK | 25.6 | - 6.7 | 32.3 | - .5 | 38.7 | - 1.5 | 48.6 | - 2.5 | 57.7 | - 3.9 | 70.6 | .5 | 73.5 | - 1.5 | 72.1 | - 1.1 | 68.4 | 1.9 | 59.8 | 3.7 | 43.5 | - 1.8 | 38.6 | 4.4 | 52.5 | - .7 |
| PEMBERTON 3 E | 27.9 | - 6.0 | 35.6 | 1.3 | 40.8 | - .8 | 49.7 | - 2.6 | 58.9 | - 3.8 | 71.4 | .4 | 73.9 | - 1.6 | 73.1 | - .7 | 69.5 | 2.1 | 62.5 | 5.7 | 44.9 | - 1.4 | 41.4 | 5.8 | 54.1 | - .2 |
| SEABROOK FARMS | 28.4 | | 33.4M | | 40.1M | | 49.6 | | 59.5 | | 72.1 | | 75.2 | | 73.5M | | 69.9 | | 61.9 | | 45.5 | | 41.3M | | 54.2M | |
| SHILOH | 29.6 | - 4.7 | 36.0 | 1.1 | 41.1 | - 1.1 | 50.3 | - 2.4 | 60.6 | - 2.4 | 72.0 | .3 | 75.2 | - 1.2 | 73.3 | - 1.3 | 70.0 | 2.0 | 62.7 | 5.4 | 46.2 | - .1 | 42.9 | 6.8 | 55.0 | .2 |
| TOMS RIVER | 26.8 | | 33.0 | | 39.1 | | 48.0 | | 57.5 | | 69.6 | | 73.4 | | 72.5 | | 68.8 | | 60.5 | | 44.7 | | 41.1 | | 52.9 | |
| TRENTON WSO | 28.1 | - 5.0 | 35.7 | 2.3 | 40.3 | - .4 | 50.4 | - 1.3 | 59.5 | - 2.8 | 72.3 | 1.3 | 75.3 | - .7 | 73.6 | - .3 | 69.9 | 2.8 | 62.2 | 5.4 | 45.1 | - .7 | 42.1 | 6.9 | 54.5 | .6 |
| TUCKERTON | 28.5 | | 35.2 | | 39.2 | | 48.6 | | 57.7 | | 69.8 | | 73.9 | | 73.1 | | 69.4 | | 62.0 | | 45.5 | | 42.2 | | 53.8 | |
| WOODSTOWN | 28.3 | | 35.5 | | 40.8 | | 51.2 | | 60.2M | | 73.0 | | 74.9M | | 73.3M | | 70.5 | | 63.2M | | 45.7 | | 42.0 | | 54.9M | |
| DIVISION | 28.0 | - 5.4 | 34.9 | 1.2 | 40.0 | - .9 | 49.6 | - 1.8 | 59.1 | - 3.0 | 71.6 | .9 | 74.4 | - 1.0 | 73.0 | - .6 | 69.5 | 2.5 | 61.8 | 5.3 | 45.1 | - .6 | 41.4 | 6.1 | 54.0 | .2 |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | 31.5 | - 4.5 | 38.1 | 2.4 | 40.9 | - .2 | 48.7 | - 1.2 | 56.9 | - 2.6 | 67.9 | - 1.1 | 71.9 | - 2.3 | 71.0 | - 2.7 | 67.9 | - .5 | 60.0 | 1.3 | 46.2 | - 2.1 | 44.9 | 6.6 | 53.8 | - .6 |
| CAPE MAY 1 NW | 30.5 | | 35.3 | | 40.0 | | 49.1 | | 58.4M | | 69.7 | | 74.3M | | 73.5 | | 69.7 | | 63.2 | | 48.0 | | 43.5 | | 54.6M | |
| LONG BRANCH 2 S | 28.7 | - 4.3 | 34.5 | 1.5 | 39.0 | - .8 | 48.1 | - 1.5 | 57.7 | - 2.1 | 69.7 | .6 | 73.6 | - .8 | 72.7 | - .1 | 69.3 | 3.1 | 61.2 | 5.0 | 45.4 | - .3 | 41.5 | 6.2 | 53.5 | .6 |
| SANDY HOOK | 27.3M | | 33.4M | | 38.0M | | 48.5M | | - | | - | | - | | - | | - | | 63.1 | | 47.4 | | M | | - | |
| DIVISION | 29.5 | - 5.0 | 35.3 | 1.0 | 39.5 | - 1.0 | 48.6 | - 1.4 | 57.7 | - 2.1 | 69.1 | - .3 | 73.3 | - 1.3 | 72.4 | - 1.2 | 69.0 | 1.2 | 61.9 | 3.9 | 46.8 | - .6 | 43.3 | 6.3 | 53.9 | .0 |

Division averages in the annual issue include late reports and corrected data and may differ slightly from values published in monthly issues.

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# TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

TABLE 2

| STATION | JANUARY | | FEBRUARY | | MARCH | | APRIL | | MAY | | JUNE | | JULY | | AUGUST | | SEPTEMBER | | OCTOBER | | NOVEMBER | | DECEMBER | | ANNUAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE | PRECIP | DEPARTURE |
| * * * NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 1.93 | -1.70 | 5.24 | 2.12 | 2.96 | -1.12 | 1.85 | -2.29 | 4.93 | .90 | 2.41 | -2.03 | 2.41 | -2.89 | 8.54 | 3.55 | 6.67 | 2.80 | 4.48 | 1.06 | 5.89 | 2.03 | 1.86 | -1.80 | 49.17 | .63 |
| BERNARDSVILLE 2 E | 3.71 | | 5.85 | | 3.96 | | 2.91 | | 4.45 | | 1.09 | | 5.47 | | 13.74 | | 7.64 | | 3.89 | | 6.64 | | 1.73 | | 61.08 | |
| BLACKWELLS MILLS | 2.90 | | 4.61 | | 3.01 | | 2.61 | | 4.06 | | .91 | | 6.22 | | 12.79 | | 5.72 | | 3.86 | | 4.98 | | 1.41 | | 53.08 | |
| BOONTON 1 SE | 1.58 | -1.66 | 5.18 | 2.45 | 2.22 | -1.64 | 2.54 | -1.32 | 4.89 | .73 | 1.03 | -2.86 | 5.71 | 1.47 | 5.69 | .76 | 5.74 | 1.39 | 3.84 | .44 | 5.94 | 1.92 | 1.97 | -1.45 | 46.33 | .23 |
| BOUND BROOK 2 W | 2.69 | | 4.48 | | E 3.13 | | 3.46 | | 3.96 | | .89 | | 6.49 | | 11.32 | | E 6.59 | | 3.65 | | 4.68 | | 1.19 | | E 52.53 | |
| BRANCHVILLE | 2.81 | | 5.42 | | 2.98 | | 2.25 | | 5.44 | | 2.27 | | 2.50 | | 7.23 | | 5.39 | | 3.86 | | 4.61 | | 2.20 | | 46.96 | |
| CANISTEAR RESERVOIR | 2.48 | | 5.19 | | 3.31 | | 3.34 | | 5.11 | | 2.29 | | 4.63 | | 11.01 | | 7.70 | | 4.65 | | 5.97 | | 2.09 | | 57.77 | |
| CANOE BROOK | 2.85 | -.81 | 5.24 | 2.28 | 3.42 | -.88 | 2.97 | -1.05 | 3.56 | -.59 | .96 | -3.07 | 6.03 | 1.48 | 14.15 | 8.92 | 6.35 | 2.03 | 4.42 | 1.01 | 6.63 | 2.53 | 1.56 | -2.09 | 58.14 | 9.76 |
| CHARLOTTEBURG | 2.60 | -1.07 | 5.87 | 2.70 | 3.40 | -1.07 | 2.81 | -1.40 | 4.49 | .34 | 2.93 | -1.31 | 5.44 | .71 | 11.23 | 6.27 | 6.54 | 2.13 | 4.69 | .85 | 5.68 | 1.19 | 2.00 | -2.12 | 57.68 | 7.22 |
| CRANFORD | 2.92 | | 5.18 | | 3.47 | | 2.83 | | 4.16 | | 1.65 | | 7.26 | | 10.64 | | 6.44 | | 4.06 | | 5.10 | | 1.58 | | 55.29 | |
| ESSEX FELLS SERV BLDG | 2.48 | | 4.56 | | 3.23 | | 1.65 | | 3.60 | | 1.15 | | 5.29 | | 11.29 | | 7.50 | | 5.06 | | 5.17 | | 1.62 | | 52.60 | |
| FLEMINGTON 1 NE | 3.56 | .24 | 5.96 | 3.18 | 4.21 | .22 | 2.75 | -1.05 | 4.38 | .37 | 1.69 | -2.11 | 5.58 | 1.06 | 10.43 | 5.41 | 5.90 | 2.31 | 3.86 | .54 | 4.95 | 1.21 | 1.55 | -1.87 | 54.82 | 9.51 |
| GREENWOOD LAKE | 3.01 | | 6.18 | | 3.52 | | 3.78 | | 5.59 | | 3.37 | | 5.26 | | 11.12 | | 6.97 | | 3.72 | | 4.72 | | 2.62 | | 59.86 | |
| HIGH POINT PARK | E 2.89 | | 4.35 | | 3.18 | | 1.64 | | 2.29 | | 1.55 | | 3.03 | | 6.12 | | 4.30 | | 3.86 | | E 4.08 | | 2.34 | | E 39.63 | |
| JERSEY CITY | 1.98 | -1.39 | 2.90 | .00 | 3.57 | -.46 | 1.95 | -1.64 | 3.46 | -.29 | .30 | -3.15 | 5.52 | 1.35 | 6.05 | 1.43 | 5.40 | 1.59 | 4.01 | .83 | 5.81 | 2.39 | 1.65 | -1.64 | 42.60 | -.98 |
| LAMBERTVILLE | 2.92 | -.42 | 5.05 | 2.33 | 3.27 | -.79 | 2.54 | -1.10 | 4.18 | .10 | 1.64 | -2.20 | 5.86 | 1.35 | 11.44 | 6.30 | 6.17 | 2.88 | 4.14 | 1.14 | 4.33 | .62 | E 1.19 | -2.19 | E 52.73 | 8.02 |
| LITTLE FALLS | 2.40 | -1.25 | 5.16 | 2.09 | 3.46 | -.84 | 2.29 | -1.97 | 4.84 | .51 | 1.24 | -3.01 | 6.17 | 1.63 | 13.41 | 8.32 | 9.57 | 5.02 | 5.47 | 1.77 | 5.43 | 1.15 | 1.80 | -2.10 | 61.24 | 11.32 |
| LONG VALLEY | 3.75 | .21 | 5.38 | 2.36 | 4.02 | -.26 | 3.44 | -.53 | 4.80 | .63 | 1.74 | -2.39 | 6.98 | 1.78 | 12.48 | 7.42 | 5.07 | 1.15 | 4.43 | .86 | 6.55 | 2.30 | 2.08 | -1.71 | 60.72 | 11.82 |
| MAHWAH | 2.25 | | 5.58 | | 2.03 | | 3.50 | | 4.04 | | 2.51 | | 4.77 | | 9.72 | | 7.04 | | 3.69 | | 4.29 | | 2.10 | | 51.52 | |
| MIDLAND PARK | 2.11 | | 5.16 | | 3.26 | | 2.48 | | 4.22 | | 3.01 | | 7.88 | | 11.45 | | 8.85 | | 4.40 | | 4.81 | | 1.92 | | 59.55 | |
| MILTON | 3.26 | | 5.68 | | 3.22 | | 2.33 | | E 5.25 | | 2.09 | | 5.35 | | 9.84 | | 5.37 | | E 3.79 | | E 4.89 | | E 1.94 | | E 53.01 | |
| MORRIS PLAINS 1 W | 2.79 | | 5.66 | | 3.86 | | 2.80 | | 4.95 | | 1.30 | | 5.19 | | 13.03 | | 7.79 | | 4.38 | | 5.73 | | 1.92 | | 59.40 | |
| NEWARK WSO | R 2.74 | -.59 | 4.44 | 1.64 | 3.29 | -.80 | 1.35 | -2.16 | 3.65 | .00 | 1.48 | -1.96 | 6.98 | 3.31 | 10.63 | 6.20 | 7.88 | 4.12 | 2.96 | -.15 | 3.86 | .49 | 1.51 | -1.71 | 50.77 | 8.39 |
| NEW MILFORD | 2.19 | -1.25 | 5.71 | 2.90 | 3.01 | -.98 | 1.80 | -2.04 | 3.44 | -.41 | 2.09 | -1.67 | 5.16 | .78 | 8.10 | 3.65 | 6.07 | 2.32 | 3.46 | .27 | 5.28 | 1.62 | 2.23 | -1.23 | 48.54 | 3.96 |
| NEWTON | 2.65 | -.39 | 4.96 | 2.39 | 3.03 | -.42 | 2.65 | -1.18 | 6.10 | 2.15 | 2.11 | -2.19 | 3.09 | -1.78 | 8.40 | 3.86 | 4.39 | .40 | 3.75 | .33 | 4.70 | 1.07 | 2.10 | -1.10 | 47.93 | 3.14 |
| OAK RIDGE RESERVOIR | 2.97 | | 5.79 | | 3.00 | | 3.44 | | 5.15 | | 2.59 | | 4.69 | | 10.73 | | 5.23 | | 3.78 | | 5.59 | | 1.71 | | 54.67 | |
| PATERSON | 2.36 | -1.24 | 6.31 | 3.16 | 4.27 | -.18 | 2.59 | -1.48 | 4.79 | .49 | .66 | -3.55 | 6.02 | 1.39 | 9.12 | 4.25 | 9.74 | 5.53 | 4.74 | 1.27 | 6.47 | 2.43 | 2.34 | -1.49 | 59.41 | 10.58 |
| PHILLIPSBURG | 3.08 | -.60 | 5.85 | 2.79 | 4.01 | -.08 | 3.73 | -.34 | 6.34 | 2.19 | 3.00 | -1.26 | 4.07 | -1.22 | 10.83 | 5.79 | 7.18 | 3.18 | 4.61 | 1.19 | 6.39 | 2.72 | 1.74 | -1.90 | 60.83 | 12.46 |
| PLAINFIELD | 2.88 | -.73 | 4.92 | 1.90 | 3.45 | -.86 | 2.62 | -1.25 | 5.08 | .94 | .75 | -3.58 | 7.80 | 3.19 | 11.66 | 6.47 | 5.59 | 1.26 | 3.90 | .44 | 5.21 | 1.38 | 1.72 | -1.87 | 55.58 | 7.29 |
| POTTERSVILLE 2 NNW | 3.49 | | 5.80 | | 4.24 | | 4.31 | | 4.74 | | 1.40 | | 6.05 | | 10.93 | | 6.13 | | 4.11 | | 7.01 | | 1.97 | | 60.18 | |
| RAHWAY | 1.93 | | 4.71 | | 3.10 | | 2.34 | | 3.96 | | 1.56 | | 7.22 | | 14.39 | | 5.31 | | 3.20 | | 4.29 | | 1.50 | | 53.51 | |
| RINGWOOD | E 2.48 | | 4.37 | | 3.65 | | 3.73 | | 3.32 | | 2.11 | | 5.30 | | 10.05 | | 6.19 | | 3.61 | | E 3.71 | | 2.02 | | E 50.54 | |
| SOMERVILLE 3 NW | 3.04 | -.23 | 4.85 | 2.10 | 3.51 | -.46 | 3.04 | -.61 | 4.27 | .46 | 1.44 | -2.44 | 6.15 | 1.41 | 11.51 | 6.50 | 8.46 | 4.69 | 3.91 | .56 | 5.05 | 1.39 | 1.60 | -1.73 | 56.83 | 11.64 |
| SPLIT ROCK POND | 2.04 | | 6.64 | | 2.92 | | 2.30 | | E 4.87 | | 3.03 | | 3.81 | | 10.96 | | 8.11 | | E 3.79 | | 6.01 | | E 1.94 | | E 56.42 | |
| SUSSEX 1 SE | 3.21 | -.16 | 4.98 | 2.26 | E 3.20 | -.20 | 2.89 | -1.06 | 6.02 | 2.25 | 2.25 | -1.84 | 2.52 | -2.55 | 8.96 | 3.92 | 3.81 | -.11 | 3.97 | .69 | 4.87 | 1.06 | 3.42 | .06 | E 50.10 | 4.32 |
| WANAQUE RAYMOND DAM | 2.48 | | 5.93 | | 3.37 | | 2.47 | | 3.99 | | 2.00 | | 5.74 | | 9.41 | | 7.36 | | 3.86 | | 4.80 | | 2.02 | | 53.43 | |
| WERTSVILLE | 2.67 | | 5.15 | | 2.98 | | 2.06 | | 4.11 | | 1.08 | | 7.05 | | 10.69 | | 6.61 | | 4.37 | | 4.73 | | 1.09 | | 52.59 | |
| WEST WHARTON | 3.07 | | 5.17 | | 3.09 | | 2.67 | | 4.43 | | 1.75 | | 4.83 | | 11.07 | | 7.76 | | 3.78 | | 6.29 | | 1.85 | | 55.76 | |
| WOODCLIFF LAKE | 2.25 | -1.32 | 6.14 | 3.25 | 3.71 | -.42 | 2.15 | -1.83 | 3.53 | -.42 | 1.89 | -1.63 | 7.52 | 3.08 | 9.49 | 4.78 | 9.46 | 5.53 | 3.05 | -.23 | 4.58 | .71 | 1.91 | -1.68 | 55.68 | 9.82 |
| DIVISION | 2.73 | -.74 | 5.10 | 2.18 | 3.45 | -.65 | 2.55 | -1.36 | 4.54 | .47 | 1.56 | -2.45 | 5.36 | .71 | 10.28 | 5.37 | 6.52 | 2.46 | 4.23 | .81 | 5.39 | 1.51 | 1.88 | -1.68 | 53.59 | 6.63 |
| * * * SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 2.67 | -.89 | 5.26 | 2.13 | 1.64 | -2.27 | 1.29 | -2.12 | 1.88 | -1.63 | .69 | -2.14 | 3.65 | -.07 | 10.40 | 5.50 | 4.39 | 1.08 | 4.20 | 1.00 | 5.02 | 1.36 | 2.08 | -1.14 | 43.17 | .81 |
| AUDUBON | 2.06 | | 5.87 | | 2.78 | | 2.28 | | 4.68 | | 1.04 | | 4.32 | | 12.56 | | 5.74 | | 3.98 | | 6.51 | | 1.51 | | 53.33 | |
| BASS RIVER ST FOREST | 2.45 | | 4.51 | | 2.90 | | 3.00 | | 3.23 | | 1.57 | | 1.59 | | 6.23 | | 3.95 | | 4.88 | | E 4.61 | | 1.99 | | E 40.91 | |
| BELLEPLAIN ST FOREST | 2.62 | -.85 | 5.91 | 2.73 | 1.87 | -2.55 | 1.24 | -2.23 | 2.02 | -1.81 | .88 | -2.51 | 2.41 | -2.43 | 14.18 | 8.43 | 5.26 | 1.40 | 5.16 | 1.47 | 4.28 | .25 | 3.55 | -.10 | 49.38 | 1.80 |
| BURLINGTON | E 1.89 | -1.38 | 6.26 | 3.36 | 3.41 | -.93 | 2.63 | -.81 | 3.68 | -.08 | 1.86 | -1.79 | 6.34 | 2.10 | 10.90 | 6.06 | 5.83 | 2.18 | 4.03 | .68 | 5.07 | 1.41 | .95 | -2.11 | E 52.85 | 8.69 |
| CANTON | 2.99 | | 5.93 | | 1.82 | | 1.91 | | 4.18 | | 1.55 | | 3.17 | | 9.20 | | 3.11 | | 3.56 | | 4.91 | | 2.07 | | 44.40 | |
| CHATSWORTH | 2.84 | | 5.48 | | 2.99 | | 3.38 | | 4.53 | | .44 | | 2.19 | | 10.12 | | 5.26 | | 4.90 | | 5.05 | | 1.45 | | 48.63 | |
| FORTESCUE | 2.42 | | 5.78 | | 2.05 | | 2.34 | | 3.26 | | .35 | | 2.67 | | 7.20 | | 3.80 | | 3.76 | | 3.65 | | 2.76 | | 40.04 | |
| FREEHOLD | 2.59 | -.99 | 4.83 | 1.69 | 3.25 | -.99 | 3.43 | -.15 | 3.03 | -1.00 | 1.97 | -1.71 | 3.19 | -1.05 | 11.43 | 6.67 | 10.35 | 6.57 | 4.89 | 1.30 | 6.59 | 2.63 | 1.79 | -1.66 | 57.34 | 11.31 |
| GLASSBORO | 2.27 | | 5.40 | | 2.99 | | 2.47 | | 4.73 | | .91 | | 1.30 | | 12.75 | | 7.47 | | 5.89 | | 6.17 | | 1.89 | | 54.24 | |
| HAMMONTON 2 NNE | E 1.86 | -1.71 | 6.55 | 3.30 | 2.88 | -1.38 | 2.69 | -.91 | 3.91 | -.01 | 1.68 | -2.27 | 2.97 | -1.59 | 8.37 | 2.73 | 4.41 | .64 | 6.55 | 2.86 | 5.05 | 1.31 | 2.12 | -1.61 | E 49.04 | 1.36 |
| HIGHTSTOWN 1 N | 2.55 | -.67 | 4.60 | 1.87 | 2.60 | -1.22 | 3.21 | -.17 | 3.50 | -.22 | .83 | -3.00 | 6.08 | 1.62 | 12.04 | 7.52 | 5.13 | 1.14 | 4.41 | 1.09 | 6.22 | 2.83 | 1.26 | -1.77 | 52.43 | 9.02 |
| INDIAN MILLS 2 W | 2.78 | -.84 | E 5.74 | 2.63 | 3.36 | -.92 | 3.30 | -.12 | 4.59 | .71 | 1.01 | -2.89 | 2.45 | -1.82 | 8.73 | 3.27 | 4.64 | 1.04 | 5.68 | 2.27 | 5.67 | 1.96 | 2.44 | -.79 | E 50.39 | 4.50 |
| MAYS LANDING 1 W | 2.53 | | 6.51 | | 2.80 | | 3.33 | | 3.42 | | .50 | | 2.22 | | 14.28 | | 4.90 | | 5.97 | | 5.08 | | 2.71 | | 54.25 | |
| MILLVILLE FAA AIRPORT | 2.66 | | 7.64 | | 3.16 | | 3.46 | | 3.33 | | 1.08 | | 3.45 | | 10.52 | | 4.79 | | 5.33 | | 4.39 | | 2.78 | | 52.59 | |
| MOORESTOWN | 1.93 | -1.19 | 5.19 | 2.46 | 2.75 | -1.06 | 2.67 | -.77 | 4.26 | .19 | 1.57 | -1.99 | 4.38 | .21 | 11.53 | 6.78 | 5.55 | 1.80 | 5.81 | 2.75 | 6.23 | 2.62 | 1.81 | -1.10 | 53.68 | 10.70 |
| NEW BRUNSWICK | 2.70 | -.64 | 5.01 | 2.24 | 3.14 | -.61 | 2.63 | -.85 | 3.77 | .02 | .88 | -2.75 | 6.05 | 1.52 | 13.36 | 8.66 | 3.91 | -.15 | 3.70 | .54 | 5.35 | 1.71 | 1.46 | -1.71 | 51.96 | 7.98 |
| PEMBERTON 3 E | 2.20 | -1.10 | 4.52 | 1.64 | 2.97 | -.88 | 2.91 | -.54 | 4.21 | .45 | 2.23 | -1.47 | 2.88 | -1.77 | 12.59 | 7.54 | 3.69 | -.08 | 4.83 | 1.56 | 4.28 | .77 | 2.35 | -.73 | 49.66 | 5.39 |
| PRINCETON WATER WORKS | 1.98 | | 3.63 | | 2.85 | | 3.31 | | 4.33 | | .28 | | 5.79 | | 14.33 | | 4.68 | | 5.23 | | 5.22 | | 1.37 | | 53.00 | |
| SEABROOK FARMS | 2.49 | | 6.61 | | 2.53 | | 2.41 | | 4.94 | | 1.77 | | 4.79 | | 9.82 | | 5.24 | | 5.83 | | 5.42 | | 2.06 | | 53.91 | |
| SHILOH | 2.26 | -1.22 | 4.76 | 1.87 | 2.40 | -1.36 | 2.16 | -.95 | 4.21 | .25 | .82 | -2.59 | 4.97 | .68 | 9.66 | 4.71 | 4.58 | .64 | 5.23 | 2.07 | 4.29 | .56 | 2.40 | -.66 | 47.74 | 4.00 |
| TOMS RIVER | 2.20 | | 6.29 | | 2.61 | | 2.62 | | 6.17 | | 1.25 | | 2.52 | | 9.35 | | 6.27 | | 4.04 | | 5.32 | | 2.39 | | 51.03 | |
| TRENTON WSO | R 2.61 | -.49 | 4.96 | 2.37 | 3.26 | -.58 | 2.59 | -.62 | 3.88 | .26 | 1.48 | -2.12 | 4.90 | .72 | 9.66 | 4.89 | 5.59 | 2.09 | 3.70 | .86 | 4.64 | 1.48 | 1.24 | -1.63 | 48.51 | 7.23 |
| TUCKERTON | 3.04 | | 5.45 | | 2.44 | | 3.02 | | 3.29 | | 1.54 | | 2.95 | | 7.64 | | 6.10 | | 4.72 | | 5.74 | | 2.11 | | 48.04 | |
| WOODSTOWN | 2.49 | | 6.11 | | 2.51 | | 2.97 | | 5.76 | | 2.39 | | 2.61 | | 10.99 | | 6.20 | | 5.64 | | 7.18 | | 1.92 | | 56.77 | |
| DIVISION | 2.44 | -1.01 | 5.62 | 2.63 | 2.78 | -1.31 | 2.67 | -.78 | 4.02 | .24 | 1.32 | -2.30 | 3.72 | -.65 | 10.83 | 5.77 | 5.52 | 1.73 | 4.93 | 1.58 | 5.42 | 1.68 | 1.98 | -1.28 | 51.25 | 6.30 |
| * * * COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | R 2.89 | -.86 | 4.31 | .93 | 1.84 | -2.17 | 1.35 | -2.03 | 2.14 | -1.02 | .61 | -2.43 | 4.20 | .34 | 10.37 | 5.23 | 5.47 | 2.07 | 3.60 | .21 | 4.29 | .50 | 2.85 | -.63 | 43.92 | .14 |
| CAPE MAY 1 NW | 2.73 | | 4.42 | | 2.34 | | 2.88 | | 4.62 | | .34 | | 3.17 | | 6.43 | | 4.29 | | 7.13 | | 3.13 | | 2.76 | | 44.24 | |
| LONG BRANCH 2 S | 2.71 | -1.07 | 5.51 | 1.97 | 3.66 | -.71 | 2.80 | -.83 | 4.31 | .82 | 1.14 | -2.27 | 4.35 | .10 | 4.98 | -.27 | 5.51 | 1.59 | 5.71 | 2.00 | 4.93 | 1.12 | 1.66 | -1.97 | 47.27 | .48 |
| SANDY HOOK | 2.17 | | 4.75 | | 2.00 | | 2.83 | | - | | - | | - | | - | | - | | 5.18 | | 4.79 | | - | | - | |
| DIVISION | 2.63 | -.89 | 4.75 | 1.63 | 2.46 | -1.47 | 2.47 | -.85 | 3.69 | .43 | .70 | -2.37 | 3.91 | .03 | 7.26 | 2.32 | 5.09 | 1.42 | 5.41 | 2.11 | 4.29 | .70 | 2.42 | -.92 | 45.08 | 2.14 |

Division averages in the annual issue include late reports and corrected data and may differ slightly from values published in monthly issues.

Table 3

# TEMPERATURE EXTREMES AND FREEZE DATA

| Station | Highest | Date | Lowest | Date | Last spring minimum of | | | | | | | | | | First fall minimum of | | | | | | | | | | Number of days between dates | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 16° or below | | 20° or below | | 24° or below | | 28° or below | | 32° or below | | 32° or below | | 28° or below | | 24° or below | | 20° or below | | 16° or below | | 16° or below | 20° or below | 24° or below | 28° or below | 32° or below |
| | | | | | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | | | | | |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 92 | 7- 9 | - 6 | 1-18 | 2-17 | 15 | 3-29 | 20 | 4-10 | 22 | 4-17 | 27 | 5- 1 | 32 | 11- 5 | 30 | 11- 9 | 20 | 11- 9 | 20 | 11- 9 | 20 | 12- 2 | 16 | 288 | 225 | 213 | 206 | 188 |
| BOONTON 1 SE | 93 | 7- 9 | 1 | 2- 3+ | 2-12 | 12 | 2-18 | 18 | 3-10 | 23 | 3-28 | 26 | 4-17 | 30 | 11- 5 | 30 | 11- 9 | 22 | 11- 9 | 22 | 12- 2 | 20 | 12- 3 | 15 | 294 | 287 | 244 | 226 | 202 |
| CANOE BROOK | 95 | 7-10 | - 4 | 1-18 | 2-17 | 16 | 3-10 | 19 | 4- 9 | 23 | 4-18 | 25 | 4-18 | 25 | 11- 5 | 30 | 11- 8 | 23 | 11- 8 | 23 | 11- 9 | 19 | 12- 3 | 13 | 289 | 244 | 213 | 204 | 201 |
| CHARLOTTEBURG | 90 | 7- 9 | - 5 | 1-18 | 2-18 | 12 | 3-25 | 20 | 4- 9 | 23 | 4-15 | 28 | 4-18 | 29 | 9-25 | 31 | 11- 8 | 28 | 11- 9 | 21 | 11-10 | 20 | 12- 3 | 14 | 288 | 230 | 214 | 207 | 160 |
| CRANFORD | 94 | 7- 8 | 3 | 2- 3+ | 2-11 | 13 | 2-17 | 18 | 3-25 | 24 | 4- 9 | 25 | 4-18 | 32 | 11- 5 | 31 | 11- 8 | 27 | 11- 9 | 20 | 11- 9 | 20 | 12- 3 | 16 | 295 | 265 | 229 | 213 | 201 |
| ESSEX FELLS SERV BLDG | 94 | 7- 9+ | 0 | 2- 3+ | 2-17 | 16 | 3-10 | 18 | 4- 9 | 24 | 4-17 | 26 | 4-25 | 32 | 11- 5 | 29 | 11- 8 | 25 | 11- 9 | 20 | 11- 9 | 20 | 12- 3 | 14 | 289 | 244 | 214 | 205 | 194 |
| FLEMINGTON 1 NE | 96 | 7- 9 | - 3 | 2- 3 | 2-18 | 15 | 3-28 | 19 | 4- 9 | 23 | 4-25 | 26 | 5-15 | 32 | 11- 4 | 32 | 11- 6 | 26 | 11- 9 | 18 | 11- 9 | 18 | 12- 3 | 14 | 288 | 226 | 214 | 195 | 173 |
| HIGH POINT PARK | 89 | 8-21+ | -10 | 2- 2 | 3-27 | 11 | 3-30 | 19 | 4-15 | 24 | 4-16 | 28 | 4-25 | 32 | 11- 8 | 24 | 11- 8 | 24 | 11- 8 | 24 | 11- 9 | 14 | 11- 9 | 14 | 227 | 224 | 207 | 206 | 197 |
| JERSEY CITY | 95 | 7- 8 | 7 | 2- 2+ | 2-10 | 15 | 2-10 | 15 | 2-15 | 23 | 3-25 | 27 | 3-28 | 31 | 11- 8 | 32 | 11-23 | 27 | 12- 1 | 24 | NONE | | NONE | | | | 289 | 243 | 225 |
| LAMBERTVILLE | 96 | 7- 8 | 2 | 2- 3 | 2-11 | 14 | 3-27 | 20 | 4- 6 | 23 | 4-12 | 28 | 4-24 | 32 | 11- 5 | 30 | 11- 9 | 20 | 11- 9 | 20 | 11- 9 | 20 | 12- 3 | 15 | 295 | 227 | 217 | 211 | 195 |
| LITTLE FALLS | 96 | 7- 9 | 2 | 1-19 | 2-11 | 14 | 2-17 | 20 | 3-25 | 23 | 3-28 | 27 | 4-17 | 32 | 11- 8 | 31 | 11- 9 | 24 | 11- 9 | 24 | 12- 2 | 18 | 12- 5 | 16 | 297 | 288 | 229 | 226 | 205 |
| LONG VALLEY | 91 | 7- 9 | - 7 | 1-18 | 3-10 | 16 | 3-28 | 18 | 4-17 | 24 | 4-25 | 26 | 5-15 | 32 | 11- 5 | 30 | 11- 6 | 27 | 11- 9 | 18 | 11- 9 | 18 | 12- 3 | 13 | 268 | 226 | 206 | 195 | 174 |
| MORRIS PLAINS 1 W | 94 | 7- 9 | - 3 | 1-18 | 2-17 | 15 | 3-10 | 18 | 4- 9 | 23 | 4-18 | 27 | 5- 5 | 31 | 11- 4 | 32 | 11- 5 | 28 | 11- 9 | 18 | 11- 9 | 18 | 12- 3 | 12 | 289 | 244 | 214 | 201 | 183 |
| NEWARK WSO | 96 | 7- 9+ | 7 | 2- 2+ | 2-10 | 14 | 2-10 | 14 | 2-15 | 24 | 3-25 | 26 | 3-26 | 31 | 11- 8 | 32 | 12- 1 | 26 | 12- 2 | 23 | NONE | | NONE | | | | 290 | 251 | 227 |
| NEWTON | 92 | 7- 9+ | -10 | 1-18+ | 3-25 | 11 | 3-28 | 17 | 4- 9 | 23 | 4-18 | 26 | 4-26 | 32 | 10-19 | 32 | 11- 6 | 27 | 11- 9 | 19 | 11- 9 | 19 | 12- 2 | 16 | 252 | 226 | 214 | 202 | 176 |
| PATERSON | 96 | 7- 9+ | 3 | 1-19 | 2-11 | 15 | 2-18 | 17 | 2-18 | 17 | 3-28 | 28 | 4-15 | 32 | 11- 8 | 30 | 11- 9 | 23 | 11- 9 | 23 | 12- 2 | 20 | NONE | | | 287 | 264 | 226 | 207 |
| PHILLIPSBURG | 95 | 7- 9 | 0 | 1-19+ | 2-12 | 13 | 3-11 | 20 | 4-25 | 24 | 4-25 | 24 | 4-27 | 30 | 11- 5 | 31 | 11- 8 | 28 | 11- 9 | 20 | 11- 9 | 20 | 12- 3 | 16 | 294 | 243 | 198 | 197 | 192 |
| PLAINFIELD | 95 | 7- 8 | 2 | 2- 3 | 2-11 | 14 | 2-17 | 19 | 3-25 | 22 | 4- 9 | 27 | 4-18 | 32 | 11- 5 | 30 | 11- 8 | 26 | 11- 9 | 20 | 11- 9 | 20 | 12-19 | 16 | 311 | 265 | 229 | 213 | 201 |
| SOMERVILLE 3 NW | 95 | 7- 9 | - 1 | 1-19+ | 2-18 | 16 | 3-10 | 19 | 4- 9 | 24 | 4-17 | 28 | 5- 5 | 31 | 11- 5 | 29 | 11- 8 | 26 | 11- 9 | 18 | 11- 9 | 18 | 12- 3 | 12 | 288 | 244 | 214 | 205 | 184 |
| SUSSEX 1 SE | 93 | 7- 9 | -14 | 1-19+ | 3-28 | 16 | 3-28 | 16 | 4-12 | 24 | 4-24 | 26 | 5-23 | 32 | 11- 4 | 32 | 11- 6 | 27 | 11- 9 | 16 | 11- 9 | 16 | 11- 9 | 16 | 226 | 226 | 211 | 196 | 165 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WSO | 91 | 7- 8+ | - 1 | 2- 1 | 2-11 | 15 | 3-10 | 19 | 3-28 | 24 | 4-12 | 27 | 4-18 | 32 | 11- 5 | 32 | 11- 8 | 24 | 11- 8 | 24 | 11-23 | 19 | 12-19 | 16 | 311 | 258 | 225 | 210 | 201 |
| AUDUBON | 98 | 7- 8 | 7 | 2- 2 | 2-10 | 10 | 2-17 | 20 | 3-25 | 24 | 3-26 | 28 | 3-28 | 30 | 11- 8 | 31 | 11- 9 | 25 | 12- 2 | 22 | 12- 3 | 18 | NONE | | | 289 | 252 | 228 | 225 |
| BELLEPLAIN ST FOREST | 97 | 7- 8 | - 9 | 2- 1 | 3- 9 | 15 | 3-10 | 17 | 4-12 | 21 | 4-15 | 25 | 5- 1 | 32 | 11- 5 | 28 | 11- 5 | 28 | 11- 9 | 18 | 11- 9 | 18 | 12- 3 | 12 | 269 | 244 | 211 | 204 | 188 |
| BURLINGTON | 96 | 7- 8 | | - | - | | - | | - | | - | | 4- 7 | 30 | 11- 5 | 32 | 11- 9 | 25 | - | | - | | - | | - | - | - | - | 212 |
| CHATSWORTH | 97 | 7- 8 | - 5 | 2- 1 | 2-17 | 13 | 3-25 | 19 | 4-15 | 21 | 4-25 | 25 | 5- 5 | 32 | 11- 5 | 27 | 11- 5 | 27 | 11- 9 | 18 | 11- 9 | 18 | 12- 3 | 10 | 289 | 229 | 208 | 194 | 184 |
| FREEHOLD | 92 | 8-11+ | 2 | 2- 3 | 2-10 | 15 | 3-10 | 20 | 3-25 | 23 | 4- 9 | 27 | 4-17 | 29 | 11- 5 | 32 | 11- 8 | 25 | 11- 9 | 20 | 11- 9 | 20 | 12- 3 | 16 | 296 | 244 | 229 | 213 | 202 |
| GLASSBORO | 96 | 7- 9 | 4 | 2- 1 | 2-11 | 16 | 3- 5 | 20 | 3- 9 | 24 | 3-27 | 28 | 4- 7 | 32 | 11- 8 | 32 | 11- 9 | 23 | 11- 9 | 23 | 12- 3 | 19 | NONE | | | 273 | 245 | 227 | 215 |
| HAMMONTON 2 NNE | 98 | 7- 9 | 1 | 2- 1 | 2-11 | 14 | 2-17 | 19 | 3-25 | 21 | 4- 9 | 28 | 4-15 | 30 | 11- 5 | 30 | 11- 8 | 25 | 11- 9 | 19 | 11- 9 | 19 | 12- 3 | 14 | 295 | 265 | 229 | 213 | 204 |
| HIGHTSTOWN 1 N | 96 | 7- 8 | 2 | 2- 3 | 2-11 | 15 | 2-17 | 18 | 3-28 | 23 | 4- 9 | 28 | 4-17 | 32 | 11- 5 | 32 | 11- 8 | 28 | 11- 9 | 21 | 12- 2 | 20 | NONE | | | 288 | 226 | 213 | 202 |
| INDIAN MILLS 2 W | 95 | 7- 8 | - 5 | 2- 1 | 2-17 | 13 | 3-28 | 19 | 4-12 | 24 | 4-12 | 24 | 4-27 | 31 | 11- 5 | 27 | 11- 5 | 27 | 11- 9 | 16 | 11- 9 | 16 | 11- 9 | 16 | 265 | 226 | 211 | 207 | 192 |
| MILLVILLE FAA AIRPORT | 95 | 7- 8 | - 2 | 2- 1 | 2-17 | 16 | 3-10 | 17 | 3-28 | 24 | 4- 9 | 28 | 4-15 | 31 | 11- 5 | 30 | 11- 8 | 27 | 11- 9 | 20 | 11- 9 | 20 | 12- 3 | 12 | 289 | 244 | 226 | 213 | 204 |
| MOORESTOWN | 97 | 7- 9 | 7 | 2- 2+ | 2-11 | 15 | 2-17 | 17 | 4-15 | 23 | 4-15 | 23 | 4-16 | 32 | 11- 6 | 30 | 11- 8 | 28 | 11- 9 | 20 | 11- 9 | 20 | 12- 3 | 14 | 295 | 265 | 208 | 207 | 204 |
| NEW BRUNSWICK | 94 | 7- 9 | 3 | 1-20 | 2-11 | 13 | 2-17 | 20 | 3-25 | 23 | 4- 9 | 27 | 4-15 | 30 | 11- 8 | 28 | 11- 8 | 28 | 11- 9 | 24 | 12- 2 | 20 | NONE | | | 288 | 229 | 213 | 207 |
| PEMBERTON 3 E | 97 | 7- 8 | - 2 | 2- 3 | 2-17 | 13 | 3-10 | 19 | 4- 1 | 24 | 4- 9 | 26 | 4-24 | 31 | 11- 5 | 28 | 11- 5 | 28 | 11- 9 | 19 | 11- 9 | 19 | 12- 3 | 12 | 289 | 244 | 222 | 210 | 195 |
| SEABROOK FARMS | 96 | 7- 9 | 4 | 2- 1 | 2-11 | 16 | 2-17 | 20 | 3-10 | 21 | 4- 1 | 28 | 4-15 | 30 | 11- 5 | 32 | 11- 9 | 22 | 11- 9 | 22 | 12- 3 | 16 | 12- 3 | 16 | 295 | 289 | 244 | 222 | 204 |
| SHILOH | 95 | 7- 8 | 4 | 2- 2 | 2-10 | 14 | 2-15 | 19 | 3-25 | 24 | 4- 1 | 28 | 4-16 | 32 | 11- 8 | 30 | 11- 9 | 24 | 11- 9 | 24 | 12- 2 | 20 | NONE | | | 290 | 229 | 222 | 206 |
| TOMS RIVER | 95 | 7- 9 | - 1 | 2- 3+ | 3- 9 | 15 | 3-10 | 19 | 4- 9 | 24 | 4- 9 | 24 | 4-17 | 30 | 11- 5 | 30 | 11- 8 | 27 | 11- 9 | 22 | 12- 2 | 19 | 12- 3 | 13 | 269 | 267 | 214 | 213 | 202 |
| TRENTON WSO | 94 | 7- 8 | 7 | 2- 2 | 2-10 | 15 | 2-10 | 15 | 2-15 | 22 | 3-25 | 26 | 3-31 | 32 | 11- 8 | 31 | 11- 9 | 28 | 12- 2 | 22 | NONE | | NONE | | | | 290 | 229 | 222 |
| TUCKERTON | 98 | 7- 8 | - 4 | 2- 1 | 2-17 | 15 | 3-10 | 18 | 4- 1 | 23 | 4- 9 | 25 | 4-25 | 31 | 11- 5 | 32 | 11- 8 | 26 | 11- 9 | 20 | 11- 9 | 20 | 12- 3 | 14 | 289 | 244 | 222 | 213 | 194 |
| WOODSTOWN | 96 | 7- 8 | 0 | 2- 2 | 2-11 | 15 | 3-10 | 20 | 3-28 | 22 | 4- 7 | 28 | 4-11 | 29 | 11- 5 | 31 | 11- 8 | 28 | 11- 9 | 21 | 12- 2 | 20 | 12- 3 | 11 | 295 | 267 | 226 | 215 | 208 |
| * * * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | 89 | 7- 8 | 12 | 2- 2 | 2- 3 | 13 | 2-10 | 19 | 2-10 | 19 | 3-25 | 27 | 3-31 | 32 | 11- 7 | 28 | 11- 7 | 28 | 12- 2 | 21 | NONE | | NONE | | | | 295 | 227 | 221 |
| CAPE MAY 1 NW | 91 | 8-22+ | 10 | 2- 3+ | 2- 4 | 13 | 2-11 | 18 | 3- 5 | 21 | 4- 1 | 28 | 4- 9 | 32 | 11- 9 | 28 | 11- 9 | 28 | 12- 2 | 23 | 12- 3 | 20 | NONE | | | 295 | 272 | 222 | 214 |
| LONG BRANCH 2 S | 92 | 8- 9+ | 3 | 2- 3 | 2-11 | 15 | 2-17 | 19 | 3-25 | 23 | 4- 9 | 28 | 4-17 | 30 | 11- 8 | 29 | 11- 9 | 24 | 11- 9 | 24 | 12- 2 | 20 | 12-19 | 16 | 311 | 288 | 229 | 214 | 205 |
| SANDY HOOK | | - | | - | 2-10 | 15 | 2-11 | 19 | 2-17 | 24 | - | | - | | 11- 9 | 30 | 12- 1 | 27 | 12- 2 | 23 | - | | - | | - | - | 288 | - | - |

See Reference Notes Following Station Index

# SOIL TEMPERATURES

NEW JERSEY
1971

| Station | Depth (IN) | Time | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | | Annual | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes |
| NEW BRUNSWICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUB-STA 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | 32.7 | 36<br>24 | 33.5 | 51<br>21 | 40.0 | 55<br>33 | 49.6 | 65<br>36 | 62.3 | 80<br>46 | 77.5 | 95<br>61 | 76.3 | 95<br>59 | 80.2 | 91<br>69 | 75.8 | 87<br>63 | 66.3 | 75<br>59 | 52.2 | 73<br>41 | 45.4 | 56<br>37 | 57.6 | 95<br>21 |
| | 2 | | 33.3 | 36<br>26 | 33.3 | 47<br>24 | 39.8 | 52<br>34 | 48.8 | 61<br>37 | 61.3 | 75<br>47 | 76.1 | 90<br>62 | 74.5 | 91<br>61 | 79.7 | 89<br>70 | 75.5 | 85<br>64 | 66.9 | 74<br>61 | 52.5 | 72<br>43 | 45.7 | 55<br>38 | 57.3 | 91<br>24 |
| | 4 | | 34.8 | 37<br>29 | 34.3 | 43<br>26 | 39.9 | 51<br>34 | 48.4 | 58<br>38 | 60.6 | 72<br>48 | 75.2 | 87<br>62 | 73.5 | 87<br>63 | 79.6 | 88<br>71 | 75.6 | 84<br>65 | 66.6 | 74<br>61 | 53.2 | 72<br>43 | 46.0 | 54<br>40 | 57.3 | 88<br>26 |
| | 8 | | 36.7 | 38<br>33 | 34.9 | 42<br>30 | 40.2 | 48<br>35 | 47.5 | 54<br>40 | 59.2 | 66<br>49 | 72.8 | 80<br>62 | 70.9 | 80<br>64 | 77.6 | 84<br>67 | 75.3 | 81<br>68 | 66.8 | 72<br>63 | 54.8 | 70<br>47 | 47.4 | 53<br>42 | 57.0 | 84<br>30 |
| | 20 | | 38.7 | 41<br>36 | 35.5 | 39<br>35 | 39.8 | 43<br>37 | 46.4 | 50<br>41 | 56.7 | 61<br>49 | 68.4 | 73<br>61 | 66.0 | 73<br>60 | 76.7 | 80<br>74 | 74.4 | 78<br>70 | 67.4 | 72<br>65 | 57.8 | 69<br>51 | 49.7 | 54<br>47 | 56.4 | 80<br>35 |
| | 40 | | 42.1 | 45<br>39 | 38.4 | 40<br>37 | 40.3 | 42<br>39 | 45.5 | 48<br>41 | 54.1 | 58<br>48 | 64.0 | 69<br>58 | 61.8 | 70<br>56 | 74.2 | 76<br>72 | 73.0 | 76<br>70 | 67.5 | 71<br>65 | 60.6 | 69<br>54 | 52.5 | 57<br>50 | 56.1 | 76<br>37 |
| SUB-STA 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | 31.4 | 35<br>16 | 33.9 | 60<br>11 | 41.8 | 63<br>34 | 50.9 | 76<br>35 | 62.4 | 86<br>41 | 81.0 | 108<br>56 | 79.1 | 107<br>52 | 80.0 | 101<br>58 | 76.1 | 98<br>50 | 65.7 | 83<br>47 | 47.9 | 79<br>35 | 42.4 | 60<br>32 | 57.7 | 108<br>11 |
| | 2 | | 31.5 | 35<br>16 | 33.6 | 59<br>11 | 41.2 | 60<br>34 | 49.9 | 73<br>35 | 61.8 | 84<br>42 | 80.0 | 104<br>56 | 77.8 | 104<br>53 | 79.0 | 97<br>60 | 75.6 | 95<br>52 | 65.4 | 81<br>49 | 47.9 | 77<br>36 | 42.6 | 58<br>34 | 57.2 | 104<br>11 |
| | 4 | | 32.5 | 35<br>22 | 33.3 | 52<br>18 | 40.5 | 54<br>34 | 48.8 | 64<br>37 | 60.3 | 76<br>45 | 77.5 | 94<br>59 | 75.8 | 93<br>59 | 78.8 | 90<br>66 | 74.9 | 88<br>57 | 65.1 | 77<br>54 | 48.9 | 74<br>38 | 43.4 | 56<br>37 | 56.6 | 94<br>18 |
| | 8 | | 34.2 | 36<br>29 | 33.5 | 46<br>24 | 40.2 | 49<br>35 | 48.0 | 57<br>40 | 59.1 | 68<br>48 | 75.0 | 86<br>62 | 73.1 | 87<br>59 | 77.2 | 85<br>66 | 74.4 | 83<br>63 | 65.0 | 72<br>59 | 50.7 | 71<br>38 | 44.8 | 53<br>39 | 56.2 | 87<br>24 |

AVERAGE DATA ARE FROM MAX AND MIN READINGS FOR 24 HOURS UNLESS TIME IS INDICATED, IN WHICH CASE AVERAGES ARE FROM ONCE DAILY READINGS AT TIME SHOWN.

SUBSTATION 1 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: KENTUCKY BLUEGRASS.

SUBSTATION 2 : SLOPE OF GROUND: FLAT. SOIL TYPE: LOAM. GROUND COVER: BARREN.

Table 4

# TOTAL EVAPORATION AND WIND MOVEMENT

| Station | | | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * * *<br>NORTHERN | 01 | | | | | | | | | | | | | | |
| CANOE BROOK | | EVAP | - | - | - | - | 4.06B | 5.50 | 7.06B | 6.00B | - | - | - | - | - |
| | | DEP | - | - | - | - | .53 | .96 | 2.00 | 1.73 | - | - | - | - | - |
| | | WIND | - | - | - | 1511 | 1147 | 895 | 773 | 758B | - | - | - | - | - |
| | | MAX | - | - | - | - | 70.7 | 87.8 | 90.1 | 88.6 | - | - | - | - | - |
| | | MIN | - | - | - | - | 49.5 | 63.7 | 66.3 | 65.9 | - | - | - | - | - |
| * * *<br>SOUTHERN | 02 | | | | | | | | | | | | | | |
| NEW BRUNSWICK | | EVAP | - | - | - | - | 5.16 | 7.09 | 16.10 | 15.89 | 3.93 | 2.76 | - | - | - |
| | | WIND | - | - | - | - | 2144 | 1705 | 756 | 675 | 1051 | 1430 | - | - | - |
| | | MAX | - | - | - | - | 70.0 | 85.5 | 87.3 | 83.3 | 71.2 | 60.7 | - | - | - |
| | | MIN | - | - | - | - | 49.3 | 62.8 | 64.7 | 63.5 | 61.8 | 51.5 | - | - | - |
| PEMBERTON 3 E | | EVAP | - | - | - | - | 3.60B | 5.04 | 5.70 | 4.48B | 2.44B | 1.76B | - | - | - |
| | | WIND | - | - | - | - | 920 | 466 | 631 | 524 | 395 | 599 | - | - | - |
| SEABROOK FARMS | | EVAP | - | - | - | - | 5.43B | 7.75 | 8.43B | 7.29B | 4.30B | 3.23B | - | - | - |
| | | MAX | - | - | - | - | 73.6 | 87.8 | 88.9 | 89.1 | 81.8 | 71.5 | - | - | - |
| | | MIN | - | - | - | - | 52.4 | 63.7 | 65.6 | 65.2 | 62.4 | 54.4 | - | - | - |

CANOE BROOK : NO FENCE.

# STATION INDEX

| Station | Index No. | Division No. | County | Drainage‡ | Latitude | Longitude | Elevation | Years of record Temp. | Years of record Precip. | Years of record Evap. | Opened or closed during yr. Month opened | Opened or closed during yr. Month closed | Refer to tables |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALLENDALE | 0100 | 01 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | | | C |
| ATLANTIC CITY WSO | 0311 | 02 | ATLANTIC | 1 | 39 27 | 74 34 | 64 | 14 | 14 | | | | 1 2 3 C |
| *ATLANTIC CITY R | 0325 | 03 | ATLANTIC | 1 | 39 23 | 74 26 | 11 | 98 | 98 | | | | 1 2 3 |
| AUDUBON | 0346 | 02 | CAMDEN | 2 | 39 53 | 75 05 | 40 | 19 | 22 | | | | 1 2 3 |
| BASS RIVER ST FOREST | 0528 | 02 | BURLINGTON | 1 | 39 37 | 74 26 | 30 | | 25 | | | | 2 |
| BELLEPLAIN ST FOREST | 0690 | 02 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 77 | 77 | | | | 1 2 3 |
| BELVIDERE | 0729 | 01 | WARREN | 2 | 40 50 | 75 05 | 275 | 79 | 79 | | | | 1 2 3 |
| BERNARDSVILLE 2 E | 0797 | 01 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | 13 | | | | 2 |
| BLACKWELLS MILLS | 0847 | 01 | SOMERSET | 10 | 40 28 | 74 35 | 40 | | 15 | | | | 2 |
| BOONTON 1 SE | 0907 | 01 | MORRIS | 8 | 40 54 | 74 24 | 280 | 63 | 81 | | | | 1 2 3 |
| BOUND BROOK 2 W | 0927 | 01 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | 15 | | | | 2 |
| BRANCHVILLE | 0978 | 01 | SUSSEX | 5 | 41 09 | 74 45 | 580 | | 70 | | | | 2 |
| BURLINGTON | 1211 | 02 | BURLINGTON | 2 | 40 05 | 74 52 | 12 | 59 | 85 | | | | 1 2 3 |
| CANISTEAR RESERVOIR | 1327 | 01 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | 31 | | | | 2 |
| CANOE BROOK | 1335 | 01 | ESSEX | 8 | 40 45 | 74 21 | 180 | 41 | 41 | 41 | | | 1 2 34 |
| CANTON | 1343 | 02 | SALEM | 2 | 39 28 | 75 25 | 20 | | 25 | | | | 2 |
| CAPE MAY 1 NW | 1351 | 03 | CAPE MAY | 1 | 38 57 | 74 56 | 17 | 46 | 83 | | | | 1 2 3 C |
| CENTERTON | 1512 | 02 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | | | C |
| CHARLOTTEBURG | 1582 | 01 | PASSAIC | 8 | 41 02 | 74 26 | 760 | 79 | 79 | | | | 1 2 3 |
| CHATSWORTH | 1598 | 02 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 27 | 27 | | | | 1 2 3 |
| CLINTON 2 N | 1754 | 01 | HUNTERDON | 10 | 40 40 | 74 55 | 350 | | | | | | C |
| CRANFORD | 2023 | 01 | UNION | 1 | 40 39 | 74 18 | 75 | | | | | | 1 2 3 |
| ESSEX FELLS SERV BLDG | 2768 | 01 | ESSEX | 8 | 40 50 | 74 17 | 340 | 23 | 23 | | | | 1 2 3 C |
| FLEMINGTON 1 NE | 3029 | 01 | HUNTERDON | 10 | 40 31 | 74 51 | 140 | 74 | 85 | | | | 1 2 3 |
| FORTESCUE | 3102 | 02 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 25 | | | | 2 |
| FREEHOLD | 3181 | 02 | MONMOUTH | 10 | 40 16 | 74 15 | 194 | 67 | 67 | | | | 1 2 3 C |
| GLASSBORO | 3291 | 02 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | 9 | 9 | | | | 1 2 3 C |
| GREENWOOD LAKE | 3516 | 01 | PASSAIC | 8 | 41 08 | 74 20 | 470 | | 31 | | | | 2 |
| HAMMONTON 2 NNE | 3662 | 02 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 39 | 65 | | | | 1 2 3 |
| HIGH POINT PARK | 3935 | 01 | SUSSEX | 2 | 41 18 | 74 40 | 1410 | 15 | 15 | | | | 1 2 3 |
| HIGHTSTOWN 1 N | 3951 | 02 | MERCER | 10 | 40 17 | 74 31 | 100 | 75 | 78 | | | | 1 2 3 C |
| INDIAN MILLS 2 W | 4229 | 02 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 81 | 82 | | | | 1 2 3 |
| JERSEY CITY | 4339 | 01 | HUDSON | 1 | 40 44 | 74 03 | 135 | 73 | 73 | | | | 1 2 3 |
| LAMBERTVILLE | 4635 | 01 | HUNTERDON | 2 | 40 22 | 74 57 | 60 | 84 | 84 | | | | 1 2 3 |
| LAYTON 2 | 4736 | 01 | SUSSEX | 2 | 41 15 | 74 52 | 400 | 7 | 7 | | | INAC | 1 2 3 |
| LITTLE FALLS | 4887 | 01 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 57 | 68 | | | | 1 2 3 C |
| LONG BRANCH 2 S | 4987 | 03 | MONMOUTH | 1 | 40 19 | 74 01 | 15 | 63 | 63 | | | | 1 2 3 |
| LONG VALLEY | 5003 | 01 | MORRIS | 10 | 40 47 | 74 47 | 550 | 41 | 41 | | | | 1 2 3 |
| MAHWAH | 5104 | 01 | BERGEN | 8 | 41 06 | 74 10 | 253 | | 15 | | | | 2 |
| MARLTON 1 W | 5252 | 02 | BURLINGTON | 2 | 39 54 | 74 56 | 90 | | | | | | C |
| MAYS LANDING 1 W | 5346 | 02 | ATLANTIC | 3 | 39 27 | 74 45 | 20 | | 27 | | | | 2 |
| MIDLAND PARK | 5503 | 01 | BERGEN | 8 | 40 59 | 74 09 | 210 | | 25 | | | | 2 |
| MILLVILLE FAA AIRPORT | 5581 | 02 | CUMBERLAND | 6 | 39 22 | 75 04 | 68 | 22 | 22 | | | | 1 2 3 |
| MILTON | 5597 | 01 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 31 | | | | 2 |
| MOORESTOWN | 5728 | 02 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | 108 | 108 | | | | 1 2 3 |
| MORRIS PLAINS 1 W | 5769 | 01 | MORRIS | 8 | 40 50 | 74 30 | 400 | 26 | 30 | | | | 1 2 3 |
| MOUNT HOLLY | 5866 | 02 | BURLINGTON | 2 | 39 59 | 74 48 | 10 | | | | | | C |
| NEWARK WSO R | 6026 | 01 | ESSEX | 1 | 40 42 | 74 10 | 11 | 72 | 117 | | | | 1 2 3 C |
| NEW BRUNSWICK | 6055 | 02 | MIDDLESEX | 10 | 40 29 | 74 26 | 125 | 4 | 4 | 4 | | | 1 2 34CG |
| NEW MILFORD | 6146 | 01 | BERGEN | 4 | 40 57 | 74 02 | 12 | | 53 | | | | 2 C |
| NEWTON | 6177 | 01 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 88 | 88 | | | | 1 2 3 C |
| OAK RIDGE RESERVOIR | 6460 | 01 | MORRIS | 8 | 41 02 | 74 30 | 880 | | 31 | | | | 2 |
| PATERSON | 6775 | 01 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 101 | 100 | | | | 1 2 3 |
| PEMBERTON 3 E | 6843 | 02 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 41 | 41 | 11 | | | 1 2 34 |
| PHILLIPSBURG | 6974 | 01 | WARREN | 2 | 40 41 | 75 11 | 180 | 80 | 88 | | | | 1 2 3 |
| PLAINFIELD | 7079 | 01 | UNION | 10 | 40 36 | 74 24 | 90 | 80 | 83 | | | | 1 2 3 |
| POTTERSVILLE 2 NNW | 7301 | 01 | MORRIS | 10 | 40 44 | 74 44 | 365 | | 4 | | | | 2 |
| PRINCETON WATER WORKS | 7328 | 02 | MERCER | 10 | 40 20 | 74 40 | 60 | | 23 | | | | 2 |
| RAHWAY | 7393 | 01 | UNION | 9 | 40 36 | 74 16 | 20 | | 32 | | | | 2 C |
| RINGWOOD | 7587 | 01 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 31 | | | | 2 |
| SANDY HOOK | 7865 | 03 | MONMOUTH | 1 | 40 27 | 74 00 | 10 | | | | | | 1 2 3 |
| SEABROOK FARMS | 7936 | 02 | CUMBERLAND | 2 | 39 30 | 75 14 | 90 | 9 | 9 | 9 | | | 1 2 34 |
| SHILOH | 8051 | 02 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 14 | 14 | | | | 1 2 3 |
| SOMERVILLE 3 NW | 8194 | 01 | SOMERSET | 10 | 40 36 | 74 38 | 160 | 85 | 88 | | | | 1 2 3 |
| SPLIT ROCK POND | 8402 | 01 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 31 | | | | 2 |
| SPRINGFIELD | 8423 | 01 | UNION | 1 | 40 43 | 74 18 | 90 | | | | | | C |
| SUSSEX 1 SE | 8644 | 01 | SUSSEX | 5 | 41 12 | 74 36 | 390 | 73 | 76 | | | | 1 2 3 |
| TOMS RIVER | 8816 | 02 | OCEAN | 1 | 39 57 | 74 13 | 10 | 12 | 50 | | | | 1 2 3 |
| *TRENTON WSO R | 8883 | 02 | MERCER | 2 | 40 13 | 74 46 | 56 | 99 | 99 | | | | 1 2 3 C |
| TUCKERTON | 8899 | 02 | OCEAN | 1 | 39 36 | 74 21 | 20 | 71 | 76 | | | | 1 2 3 |
| WANAQUE RAYMOND DAM | 9187 | 01 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 31 | | | | 2 C |
| WATCHUNG | 9271 | 01 | UNION | 10 | 40 40 | 74 25 | 260 | | | | | | C |
| WERTSVILLE | 9363 | 01 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 15 | | | | 2 |
| WEST WHARTON | 9608 | 01 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 13 | | | | 2 |
| WINDSOR | 9761 | 02 | MERCER | 2 | 40 15 | 74 35 | 88 | | | | JAN | | C |
| WOODCLIFF LAKE | 9832 | 01 | BERGEN | 4 | 41 01 | 74 03 | 103 | | 53 | | | | 2 C |
| WOODSTOWN | 9910 | 02 | SALEM | 2 | 39 39 | 75 19 | 50 | 23 | 33 | | | | 1 2 3 |

‡ DRAINAGE CODE: 1-COASTAL 2-DELAWARE 3-GREAT EGG HARBOR 4-HACKENSACK 5-HUDSON 6-MAURICE 7-MULLICA 8-PASSAIC 9-RAHWAY 10-RARITAN 11-ROCKAWAY

## RELOCATION AND CHANGES OF EQUIPMENT

| | | |
|---|---|---|
| CAPE MAY 1 NW | PUBLICATION OF HOURLY PRECIPITATION FROM FISCHER & PORTER GAGE | OCTOBER 20, 1970 |
| CLINTON 2 N | PUBLICATION OF HOURLY PRECIPITATION FROM FISCHER & PORTER GAGE | JULY 1,1970 |
| MOORESTOWN | EQUIPMENT MOVED 490 FEET EAST | JULY 1, 1970 |
| WINDSOR | PUBLICATION OF HOURLY PRECIPITATION FROM FISCHER & PORTER GAGE | JANUARY 1, 1971 |

# REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Department of Meteorology, College of Agriculture and Environmental Science, Rutgers - The State University, New Brunswick, New Jersey 08903, or to any National Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA NEW JERSEY."

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1931-1960. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

LATE REPORTS AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| - | No record. |
| + | Also on earlier date (dates) or months. |
| * | Amount included in following measurement. |
| // | Gage is equipped with a windshield. |
| B | Adjusted to a full month. |
| E | Amount is wholly or partially estimated. |
| M | One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record. |
| R | Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.) |
| T | Trace, an amount too small to measure. |
| V | Includes total for previous month. V in annual column means total is for a two-year period. |

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

| | |
|---|---|
| # | Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building. |
| C | Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the annual issue of Hourly Precipitation Data. |
| G | Soil temperatures published. |

Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

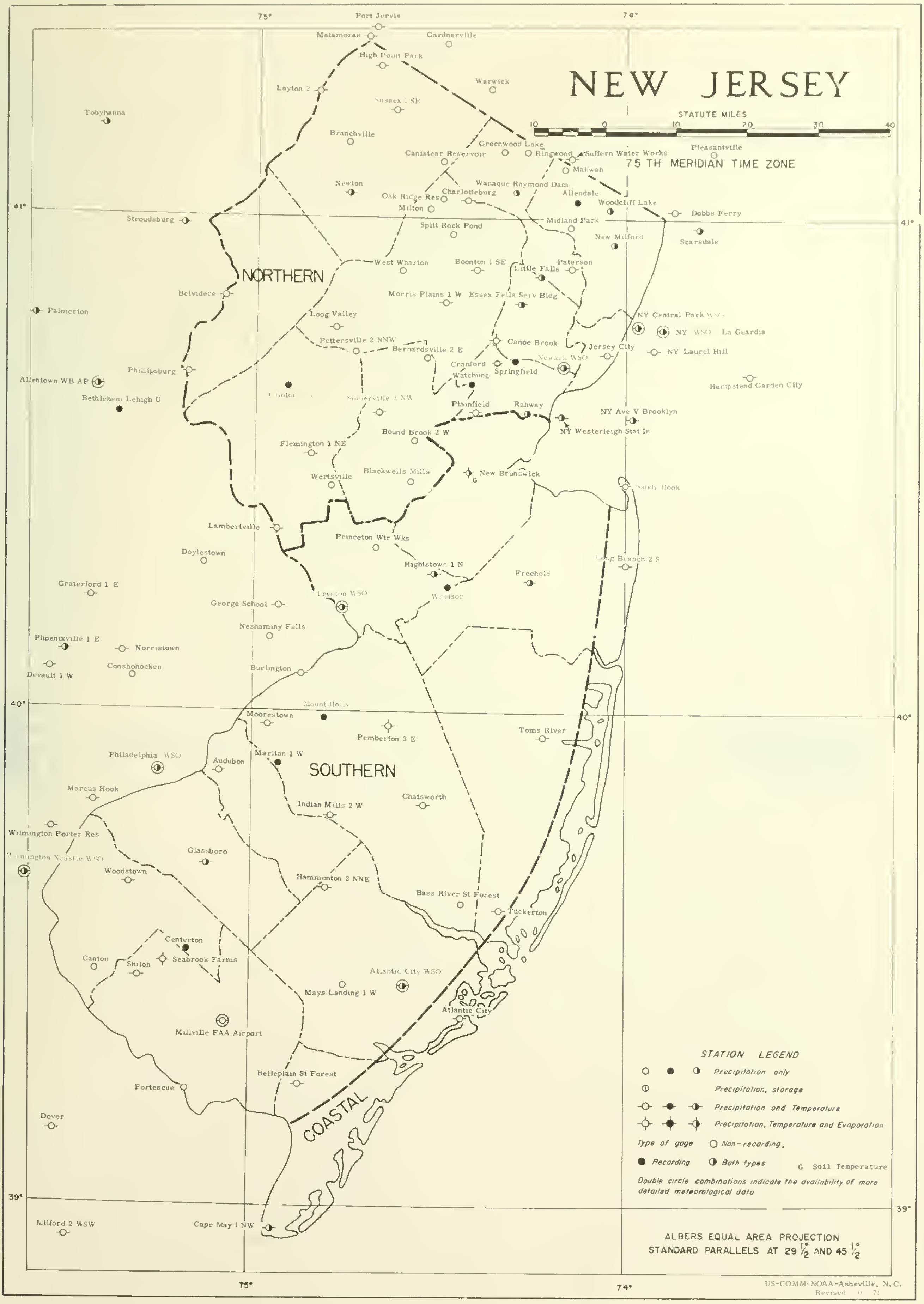
Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this State. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, for 15 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 3/27/72-1020


NEW JERSEY
STATUTE MILES
10 0 10 20 30 40
75 TH MERIDIAN TIME ZONE
75°
74°
41°
40°
39°
NORTHERN
SOUTHERN
COASTAL
Port Jervis
Matamoras
Gardnerville
High Point Park
Warwick
Layton 2
Sussex 1 SE
Tobyhanna
Branchville
Greenwood Lake
Ringwood
Suffern Water Works
Pleasantville
Canistear Reservoir
Mahwah
Newton
Wanaque Raymond Dam
Charlotteburg
Oak Ridge Res
Milton
Allendale
Woodcliff Lake
Dobbs Ferry
Stroudsburg
Midland Park
Split Rock Pond
New Milford
Scarsdale
West Wharton
Boonton 1 SE
Paterson
Little Falls
Belvidere
Morris Plains 1 W
Essex Fells Serv Bldg
Palmerton
Long Valley
NY Central Park WSO
NY WSO La Guardia
Pottersville 2 NNW
Bernardsville 2 E
Canoe Brook
Jersey City
NY Laurel Hill
Phillipsburg
Cranford
Springfield
Newark WSO
Allentown WB AP
Watchung
Hempstead Garden City
Clinton
Somerville 3 NW
Bethlehem Lehigh U
Plainfield
Rahway
NY Ave V Brooklyn
NY Westerleigh Stat Is
Bound Brook 2 W
Flemington 1 NE
Blackwells Mills
New Brunswick
G
Wertsville
Sandy Hook
Lambertville
Princeton Wtr Wks
Doylestown
Long Branch 2 S
Hightstown 1 N
Freehold
Graterford 1 E
Trenton WSO
Windsor
George School
Neshaminy Falls
Phoenixville 1 E
Norristown
Conshohocken
Devault 1 W
Burlington
Mount Holly
Moorestown
Pemberton 3 E
Toms River
Philadelphia WSO
Audubon
Marlton 1 W
Marcus Hook
Chatsworth
Indian Mills 2 W
Wilmington Porter Res
Glassboro
Wilmington Ncastle WSO
Woodstown
Hammonton 2 NNE
Bass River St Forest
Tuckerton
Centerton
Canton
Shiloh
Seabrook Farms
Atlantic City WSO
Mays Landing 1 W
Atlantic City
Millville FAA Airport
Belleplain St Forest
Fortescue
Dover
Cape May 1 NW
Milford 2 WSW
STATION LEGEND
○ ● ◐ Precipitation only
⦶ Precipitation, storage
-○- -●- -◐- Precipitation and Temperature
-○- -●- -◐- Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording;
● Recording ◐ Both types
G Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
US-COMM-NOAA-Asheville, N.C.
Revised

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